

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C55323B
<b>Lock Date:</b>	07/13/1995
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	07/30/1997

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402241

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
[ Nephropathy TGLS = 6-9 ]		
* Liver	Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 5-10 ]	Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4-3+9+10 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 1-2 ]		
* Spleen	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-2 ]		

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402242

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Artery	Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 736 <b>HISTO:</b> 9402243
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Gallbladder	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Kidney	Nephropathy	Minimal
* Preputial Gland [ Cyst TGLS = 1-8 ]	Cyst	Moderate
* Seminal Vesicle [ Fibrosis TGLS = 2-9 ]	Fibrosis	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402244

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Gallbladder	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Nephropathy	Mild
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 2-4 ]		
[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-4 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402245

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Inflammation	Chronic, Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hemangiosarcoma	
	Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 3,4,5,7-2+3+4+9+10 ]		
[ Hemangiosarcoma TGLS = 6-10 ]		
[ Hepatocellular Adenoma TGLS = 3,4,5,7-2+3+4+9+10 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		
* Spleen	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402246

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
Tissue NOS	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Clear Cell Focus	
* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 353 <b>HISTO:</b> 9402247
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402248

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
		Hypertrophy	Marked
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Lung	Bronchiole	Adenoma	
		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402249

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 5-9 ]		
	[ Hepatocellular Adenoma TGLS = 3-9 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
	[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		
* Thyroid Gland	Follicular Cel	Adenoma	
	[ Adenoma TGLS = 4-2 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402250

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Basophilic Focus TGLS = 2-9 ]			
[ Clear Cell Focus TGLS = 2-9 ]			
[ Eosinophilic Focus TGLS = 3-10 ]			
[ Hepatocellular Adenoma TGLS = 1-3 ]			
* Pituitary Gland		Angiectasis	Mild
[ Angiectasis TGLS = 5-7 ]			
* Preputial Gland		Cyst	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
[ Hyperplasia TGLS = 4-10 ]			
* Thymus		Hemangioma	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402250

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 670

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9402251

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
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**OBSERVATIONS**

* Bone Marrow		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-10 ]			
* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-4 ]		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402252

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
	[ Polyp Adenomatous TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-9 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402253

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	Moderate
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Clear Cell Focus	
[ Clear Cell Focus TGLS = 1-9 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]		
* Spleen	Hyperplasia	Lymphoid, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402254

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[ Clear Cell Focus TGLS = 1-9 ]		
	[ Hepatocellular Adenoma TGLS = 3-10 ]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 584
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402255

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Islets, Pancreatic [ Carcinoma TGLS = 5-4 ]	Carcinoma	
* Liver [ Carcinoma TGLS = 1,2,3,6-2+3+9+10 ]	Carcinoma	Metastatic (Islets, Pancreatic)
* Lung	Carcinoma	Metastatic (Islets, Pancreatic)
* Spleen [ Hematopoietic Cell Proliferation TGLS = 4-3 ]	Hematopoietic Cell Proliferation	Moderate

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**PRIMARY CAUSE OF DEATH** - Islets, Pancreatic Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402256

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Gallbladder	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Mild
[ Cyst TGLS = 1-9 ]			
* Liver		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2,3-3+4 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402257

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 622
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9402258

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Liver	Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-4 ]		
* Stomach, Glandular	Ulcer	Mild

---

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402259

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-3 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate

[ Cyst TGLS = 1-8 ]

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402261

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402262

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Liver	Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2-11, 6-4 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	Multiple
[ Alveolar/Bronchiolar Carcinoma TGLS = 3,4-2+9 ]	Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 4,5-9+10 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 3-3 ]			
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
[ Mixed Cell Focus TGLS = 3-3 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 24	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402264

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
		Hyperplasia	Focal, Mild
[ Adenoma TGLS = 2-7 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 3-4+9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 25

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402265

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 3-4 ]		
[ Hepatocellular Adenoma TGLS = 2,4-3+9 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 26

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402266

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Liver	Hepatocellular Carcinoma
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[ Hepatocellular Carcinoma TGLS = 1-9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 27	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402267

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Marked
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 1,2,5-3+4+11 ]		
[ Mixed Cell Focus TGLS = 4-10 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-10 ]		
* Thyroid Gland	Follicle	Hyperplasia
		Focal, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 28

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 541

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9402268

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Nose  
\* Prostate  
\* Spleen  
\* Thymus

Blood Vessel  
\* Epididymis  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**MISSING**

\* Mammary Gland

\* Parathyroid Gland

**OBSERVATIONS**

\* Liver

Hepatocellular Carcinoma

Multiple

[ Hepatocellular Carcinoma TGLS = 1,2-3+9 ]

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402269

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

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**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
[ Clear Cell Focus TGLS = 1-3 ]		
[ Eosinophilic Focus TGLS = 1-3 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]		
* Thyroid Gland	Follicle	Hyperplasia
		Focal, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402270

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**OBSERVATIONS**

* Adrenal Cortex		Adenoma	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9202271

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

---

**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal

---

PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 562
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402272

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Hemangiosarcoma	
	Necrosis	Focal, Marked
[ Hemangiosarcoma TGLS = 1,2-4+9 ]		
[ Necrosis TGLS = 3-10 ]		
* Lymph Node, Mesenteric	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1,2-4+9 ]		

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**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402273

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

---

**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 1-9 ]			
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 34	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402274

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland		* Trachea
* Urinary Bladder			

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 3-4 ]		
[ Hepatocellular Adenoma TGLS = 3-4 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402275

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

---

**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 4-10 ]		
* Lung	Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 36	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402276

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2,3-3+4+9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 636
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402277

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Renal Tubule	Cyst	Mild
* Liver		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 1,2-3+4 ]		
* Lung		Hemangiosarcoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild

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**PRIMARY CAUSE OF DEATH** - Liver Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402278

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[ Clear Cell Focus TGLS = 2-4+9 ]		
[ Eosinophilic Focus TGLS = 2-4 ]		
[ Hepatocellular Adenoma TGLS = 2-9 ]		
[ Hepatocellular Carcinoma TGLS = 3-3+9 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402279

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hemangiosarcoma	
[ Clear Cell Focus TGLS = 4-9 ]		
[ Eosinophilic Focus TGLS = 4-3 ]		
[ Hemangiosarcoma TGLS = 2,3-10 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402280

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

---

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Preputial Gland	Cyst	Moderate

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402281

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

Blood Vessel

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 9-3 ]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
[ Lymphoma Malignant TGLS = 5-10 ]			
[ Lymphoma Malignant TGLS = 6-7 ]			
[ Lymphoma Malignant TGLS = 7-11 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-1 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 8-12 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402281

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 2-3 ]

\* Thymus

Lymphoma Malignant

[ Lymphoma Malignant TGLS = 2-3 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402282

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Moderate
		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402283

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 646
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402284

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Liver	Lymphoma Malignant	
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[ Alveolar/Bronchiolar Adenoma TGLS = 2,4-9 ]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-9 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Lymphoma Malignant	
Ureter	Lymphoma Malignant	

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**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 616

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402285

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart		Hepatocellular Carcinoma	Metastatic (Liver)
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	[ Hepatocellular Carcinoma TGLS = 2-10 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3,4-9+11 ]	Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 3-2+9 ]		
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Stomach, Forestomach		Ulcer	Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 2-4 ]		
[ Eosinophilic Focus TGLS = 2-4 ]		
[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Preputial Gland	Cyst	Moderate
[ Cyst TGLS = 1-8 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402287

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 2-9 ]		
	[ Hepatocellular Adenoma TGLS = 1-3 ]		
* Preputial Gland		Cyst	Moderate
* Skin	Epidermis, SOA	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402288

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

---

**MISSING**

\* Mammary Gland

---

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 2-4 ]		
	[ Hepatocellular Adenoma TGLS = 1,3-3+9 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402289

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Clear Cell Focus TGLS = 1-9 ]			
[ Hepatocellular Adenoma TGLS = 2-9 ]			
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 50

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 344

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402290

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-4 ]			
* Nose		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-7 ]			
* Parathyroid Gland		Cyst	Moderate
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Skin	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Stomach, Forestomach		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 344
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402290

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 2-4 ]	
* Thymus	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-7 ]	
* Urinary Bladder	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 3-7 ]	

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<b>PRIMARY CAUSE OF DEATH</b>	- Stomach, Forestomach	Lymphoma Malignant
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 51

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402291

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Preputial Gland	Hyperplasia	Minimal
[ Hyperplasia TGLS = 1-8 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 52

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** 9402292

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-3 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 53	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402293

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-9 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402294

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2,3-3+9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 55

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402295

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2,3-2 ]		
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 56

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402296

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 1-4 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 57	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402297

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Nose		Inflammation	Suppurative, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 58

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402298

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3-3 ]		
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 4-2 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 59	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402299

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 60

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 164

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** 9402300

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Heart		Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-4 ]		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen [ Lymphoma Malignant TGLS = 2-3 ]		Lymphoma Malignant	
* Thymus [ Lymphoma Malignant TGLS = 1-7 ]		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402301

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Intestine Small, Jejunum [ Carcinoma TGLS = 1-9 ]	Epithelium	Carcinoma	
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach [ Hemorrhage TGLS = 2-4 ]		Hemorrhage	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 62

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 668

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** 9402302

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Fibrosis	Focal, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-10 ]			
* Pancreas		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH** - Lymph Node, Mesenteric Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 63	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 595
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9402303

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
	Centrilobular, Hepatocyte	Hypertrophy	Moderate

[ Hepatocellular Adenoma TGLS = 1-9 ]

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402304

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

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**MISSING**

* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 706
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9402305

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 3,4-2+3+4 ]		
* Lung		Hemangiosarcoma	Metastatic (Liver)
* Preputial Gland		Cyst	Moderate
* Skin	Subcut Tiss	Edema	Moderate
	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	[ Edema TGLS = 1-7 ]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH** - Liver Hemangiosarcoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 66	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402306

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney	Renal Tubule	Adenoma Nephropathy	Minimal
[ Adenoma TGLS = 1-9 ]			
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI	Hyperkeratosis Hyperplasia Hyperplasia	Minimal Minimal Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Moderate
[ Hyperplasia TGLS = 2-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402307

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperkeratosis	Minimal
		Hyperplasia	Minimal

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[ Hyperkeratosis TGLS = 1-9 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402308

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Islets, Pancreatic		Hyperplasia	Marked
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 69

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402309

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-10 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 70

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402310

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
	[ Mixed Cell Focus TGLS = 3-4 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-2 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 415
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402311

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Heart	Artery	Inflammation	Chronic, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Artery	Inflammation	Chronic, Mild
Mesentery	Artery	Inflammation	Chronic, Moderate
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[ Hyperkeratosis TGLS = 2-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]			

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**PRIMARY CAUSE OF DEATH** - Heart Artery Inflammation

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 72	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 706
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9402312

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[ Eosinophilic Focus TGLS = 3-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-3 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Focal, Marked
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402313

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 74

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402314

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

Blood Vessel \* Mammary Gland

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 75

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402315

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Gallbladder	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-2 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 76

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 638

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402316

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

Harderian Gland [ Adenoma TGLS = 1-9 ]		Adenoma	
* Heart	Myocardium	Degeneration	Minimal
* Liver [ Carcinoid Tumor Malignant TGLS = 4,5,6,7,8-2+4+9+10+11 ]		Carcinoid Tumor Malignant	Metastatic (Stomach, Glandular)
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI	Hyperkeratosis Hyperplasia Hyperplasia	Moderate Mild Mild
* Spleen [ Hematopoietic Cell Proliferation TGLS = 2-3 ]		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular [ Carcinoid Tumor Malignant TGLS = 9-11 ]		Carcinoid Tumor Malignant	

**PRIMARY CAUSE OF DEATH** - Stomach, Glandular Carcinoid Tumor Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 77

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402317

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 3-9 ]		
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 78                      **TRT#:** 3                      **SEX:** Male                      **DAY ON TEST:** 735  
**DOSE:** 100 MG/KG                      **DISP:** Terminal Sacrifice                      **HISTO:** 9402318

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Cyst	Moderate
		Nephropathy	Minimal
	[ Cyst TGLS = 1-10 ]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Clear Cell Focus TGLS = 2-9 ]		
	[ Eosinophilic Focus TGLS = 2-9 ]		
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 3-4 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 79

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402319

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex [ Adenoma TGLS = 2-7 ]	Capsule	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 1-9 ] [ Mixed Cell Focus TGLS = 1-9 ]		Hepatocellular Adenoma Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Suppurative, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 80	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402320

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-9 ]			
* Preputial Gland		Inflammation	Granulomatous, Mild
[ Inflammation TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 81

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402321

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3,4-3+4+10 ]		
	[ Hepatocellular Carcinoma TGLS = 2-9 ]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
		Thrombosis	Moderate
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 82	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402322

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 83	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402323

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-6 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 626
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402324

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 3-4 ]			
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation Hyperkeratosis	Mild Mild Mild Chronic Active, Minimal Minimal
* Stomach, Forestomach			
[ Hyperkeratosis TGLS = 4-4 ]			

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**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 85

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402325

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Moderate
		Hepatocellular Adenoma	
	[ Basophilic Focus TGLS = 4-10 ]		
	[ Cyst TGLS = 4-10 ]		
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 86	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402326

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 1-9 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 87	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 462
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9402327

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
	[ Pheochromocytoma Benign TGLS = 1-7 ]		
* Kidney		Infarct	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 88

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402328

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	[ Hemangiosarcoma TGLS = 3-9 ]		
	[ Hepatocellular Adenoma TGLS = 2,4-3+4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 5-2+9 ]		
* Seminal Vesicle		Fibrosis	Mild
	[ Fibrosis TGLS = 1-10 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 89

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402329

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
	[ Hepatocellular Carcinoma TGLS = 3-4 ]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
	[ Hyperplasia TGLS = 1-3 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402330

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-10 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	Pinna	Fibrosis	Focal, Moderate
	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	[ Fibrosis TGLS = 2-9 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402331

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Adenoma	
		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402332

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Islets, Pancreatic		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Liver	Bile Duct	Basophilic Focus	
		Cyst	Moderate
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 4-9 ]			
[ Cyst TGLS = 3-4 ]			
[ Hepatocellular Adenoma TGLS = 5-9 ]			
[ Mixed Cell Focus TGLS = 6-9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-4 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 92	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402332

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland	SOA, Sebaceous GI Follicle	Hyperplasia Hyperplasia	Minimal Focal, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 93

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402333

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Adenoma	
		Hyperplasia	Focal, Minimal
* Epididymis		Granuloma Sperm	Marked
[ Granuloma Sperm TGLS = 1-6 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 3,4-10+11 ]			
[ Hepatocellular Adenoma TGLS = 4,5-3+9 ]			
[ Mixed Cell Focus TGLS = 3,4,7-2+10+11+12 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 6-9 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 94

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 719

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402334

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Cyst	Moderate
[ Cyst TGLS = 3-3 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2,5-2+3 ]		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 4-2 ]			
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Parakeratosis	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

- Lung Alveolar/Bronchiolar Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 95

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 528

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402335

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocholangiocarcinoma	
	[ Eosinophilic Focus TGLS = 5-4+9 ]		
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
	[ Hepatocholangiocarcinoma TGLS = 5-9 ]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLS = 3-2 ]		
* Pancreas	Acinus	Hepatocholangiocarcinoma	Metastatic (Liver)
	[ Hepatocholangiocarcinoma TGLS = 4-9 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** - Pancreas Acinus Hepatocholangiocarcinoma Liver

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402336

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 2-10 ]			
[ Hepatocellular Adenoma TGLS = 4-4 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 637
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402337

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 98

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402338

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Clear Cell Focus TGLS = 2-9 ]		
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1,3-4+9 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 99	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402339

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[ Clear Cell Focus TGLS = 2-3 ]			
[ Hepatocellular Adenoma TGLS = 4,5-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 100

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402340

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
[ Adenoma TGLS = 1-2 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 101

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402341

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 2-2 ]			
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 102

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402342

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Capsule	Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 2-9 ]	
		[ Hepatocellular Carcinoma TGLS = 1-4 ]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[ Alveolar/Bronchiolar Carcinoma TGLS = 3-2 ]	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 103

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402343

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-9 ]			
* Nose		Polyp, Inflammatory	Mild
* Preputial Gland		Cyst	Moderate
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 104

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402344

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 105	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 735
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402345

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 1,2-4 ]		
	[ Hepatocellular Adenoma TGLS = 3-9 ]		
* Nose		Polyp, Inflammatory	Mild
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 106

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402346

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 2-4 ]		
	[ Hepatocellular Adenoma TGLS = 1-4 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 107

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402347

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-2 ]		
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 108

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402348

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Adenoma	
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-3+4 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 109

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402349

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 110

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 554

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402350

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Gallbladder	* Mammary Gland
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**AUTO PRECLUDES DIAG.**

\* Intestine Small, Duodenum

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 111

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402351

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-4 ]			
* Preputial Gland	Bilateral	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Hyperkeratosis	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 112

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402352

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-4 ]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,4,8-2+9 ]		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-4 ]			
* Preputial Gland	Bilateral	Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
[ Hyperplasia TGLS = 7-4 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 112

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402352

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicle

Hyperplasia

Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 113

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402353

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 2-9 ]		
	[ Hepatocellular Adenoma TGLS = 3-3 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hemangiosarcoma	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 114

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 611

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402354

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	Lacrimal Gland
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 115

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402355

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-3 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 116

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402356

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[ Alveolar/Bronchiolar Adenoma TGLS = 1-2 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 117

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 444

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402357

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-3+10 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 2,3,4-9 ]		
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 118

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402358

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-4 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 119

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 492

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402359

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Testes	* Thyms	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart	Myocardium	Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 1,2-3+4 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Ulcer	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 120

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402360

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 121

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 560

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402361

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hemangiosarcoma	
		Necrosis	Focal, Mild
[ Hemangiosarcoma TGLS = 2-2 ]			
[ Necrosis TGLS = 3-3+4 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 122

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402362

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-4 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thymus		Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 123

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402363

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 124

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402364

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Clear Cell Focus TGLS = 2,3-3+9 ]		
	[ Eosinophilic Focus TGLS = 4-10 ]		
	[ Hepatocellular Adenoma TGLS = 2,3-3+9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 125

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402365

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 573

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402366

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart		Carcinoma	Metastatic (Mammary Gland)
[ Carcinoma TGLS = 4-2 ]			
* Kidney		Carcinoma	Metastatic (Mammary Gland)
[ Carcinoma TGLS = 1-3 ]			
* Liver		Carcinoma	Metastatic (Mammary Gland)
[ Carcinoma TGLS = 7-4 ]		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-3 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2 ]		Carcinoma	Metastatic (Mammary Gland)
[ Carcinoma TGLS = 2-2 ]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Mammary Gland)
[ Carcinoma TGLS = 5-9 ]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Mammary Gland)
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 6-10 ]			
* Prostate		Carcinoma	Metastatic (Mammary Gland)
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH** - Mammary Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 127

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402367

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 128

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 643

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402368

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland                      \* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-9 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 129

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402369

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 130

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402370

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1,2,3,4-3+9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 1,2,3,4-3+9 ]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[ Hyperplasia TGLS = 5-4 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 6-9 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 131

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402371

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland                      \* Thymus

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-9 ]		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-4+9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 132

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402372

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Moderate
* Kidney		Nephropathy	Minimal
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 133

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402373

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-9 ]			
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 134

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 519

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402374

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Adrenal Medulla	* Mammary Gland
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**OBSERVATIONS**

* Liver		Hemangiosarcoma Necrosis	Focal, Mild
[ Hemangiosarcoma TGLS = 1-9 ]			
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Minimal Mild Moderate Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

- Liver Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 135

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402375

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
	[ Eosinophilic Focus TGLS = 2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-4 ]		
	[ Necrosis TGLS = 3-3 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Granulomatous, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402376

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		[ Clear Cell Focus TGLS = 5-10 ]	
		[ Eosinophilic Focus TGLS = 5-10 ]	
		[ Hemangiosarcoma TGLS = 2,3-3+9+10 ]	
		[ Hepatocellular Adenoma TGLS = 1,2,4-3+9+11 ]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[ Alveolar/Bronchiolar Adenoma TGLS = 5-10 ]	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402376

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 137

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402377

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

Eye		Degeneration	Marked
[ Degeneration TGLS = 3-9 ]			
Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
* Islets, Pancreatic		Hyperplasia	Mild
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 138

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402378

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3,4-3+4+9 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 139

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402379

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Adrenal Cortex [ Hyperplasia TGLS = 1-7 ]		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Minimal
* Liver [ Clear Cell Focus TGLS = 2-9 ] [ Hepatocellular Adenoma TGLS = 2-9 ]		Clear Cell Focus Hepatocellular Adenoma	
* Lung	Mediastinum	Infiltration Cellular	Mast Cell, Mild
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 140

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402380

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-2 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 141

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402381

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 142

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402382

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 143

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402383

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 144

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402384

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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SOA, Sebaceous GI

Hyperplasia

Moderate

SOA

Inflammation

Chronic Active, Minimal

\* Thyroid Gland

Follicle

Hyperplasia

Focal, Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 145

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402385

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-4 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 146

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402386

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[ Hepatocellular Adenoma TGLS = 1-3 ]		
	[ Mixed Cell Focus TGLS = 1-3 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 147

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402387

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Hepatodiaphragmatic Nodule	
	[ Hepatocellular Adenoma TGLS = 4-4 ]		
	[ Hepatocellular Carcinoma TGLS = 2-3 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 3-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 5-2 ]		
* Preputial Gland		Cyst	Moderate
	[ Cyst TGLS = 1-8 ]		
* Seminal Vesicle		Inflammation	Chronic, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 148

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402388

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Liver		Carcinoid Tumor Malignant	Metastatic (Stomach, Forestomach)
[ Carcinoid Tumor Malignant TGLS = 3,4,6-3+9+10 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 5-9 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 1-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Stomach, Glandular	Serosa	Carcinoid Tumor Malignant	Metastatic (Stomach, Glandular)
[ Carcinoid Tumor Malignant TGLS = 2-10 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 149

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402389

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-4 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3-4 ]			
* Pancreas		Inflammation	Chronic, Mild
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[ Ulcer TGLS = 4-9 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 150

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 735

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402390

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
	[ Hepatocellular Adenoma TGLS = 1-4 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 2-9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-2 ]		
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 151

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402391

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7,8-3+4 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7,8-3+4 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 10-7 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-1 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 11-4 ]			
* Ovary		Cystadenoma	
	Bilateral	Granulosa Cell Tumor Benign	
[ Cystadenoma TGLS = 4-6 ]			
[ Granulosa Cell Tumor Benign TGLS = 5-6 ]			
* Pancreas		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-6 ]			
Skeletal Muscle		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1,9-8 ]			
* Skin	Subcut Tiss	Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 151	<b>TRT#:</b> 2 <b>DOSE:</b> 0 MG/KG	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 736 <b>HISTO:</b> 9402391
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Lymphoma Malignant TGLS = 2-3 ]		Lymphoma Malignant	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia Polyp Stromal	Cystic, Minimal
[ Hyperplasia TGLS = 6-6 ] [ Polyp Stromal TGLS = 6-6 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402392

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-4 ]			
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 153

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402393

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 5,6-8+9 ]		
	[ Hepatocellular Adenoma TGLS = 1-3 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-8 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 2-6 ]		
* Spleen		Hyperplasia	Lymphoid, Marked
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 3-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 154

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402394

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-4 ]		Lymphoma Malignant	
* Ovary [ Cyst TGLS = 1-6 ]		Cyst	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus [ Hyperplasia TGLS = 2-6 ]	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 155

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402395

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-6 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402396

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-8 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-8 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 157

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402397

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 1-6 ]			
* Heart	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Adenoma TGLS = 4,6,7-3+8+9 ]			
[ Hepatocellular Carcinoma TGLS = 4,5-8+9 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
* Stomach, Forestomach		Ulcer	Moderate
[ Ulcer TGLS = 8-4 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402398

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver [ Hepatocellular Adenoma TGLS = 3-8 ]		Hepatocellular Adenoma	Multiple
* Lung [ Alveolar/Bronchiolar Carcinoma TGLS = 3-8 ]		Alveolar/Bronchiolar Carcinoma	
Mesentery [ Necrosis TGLS = 4-8 ]	Fat	Necrosis	Mild
* Ovary [ Cyst TGLS = 1-6 ]		Cyst	Moderate
* Pituitary Gland [ Adenoma TGLS = 5-7 ]	Pars Distalis	Adenoma	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 2-6 ]	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 159

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402399

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[ Hepatocellular Adenoma TGLS = 3,4-3+4+9 ]			
[ Hepatocellular Carcinoma TGLS = 5-8 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402400

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart	Ventricle	Inflammation	Chronic, Focal, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 4-8 ]		
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-9 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:16  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 161

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402401

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-6 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 410

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9402402

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Lymph Node, Mandibular

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 163      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 629  
**DOSE:** 0 MG/KG      **DISP:** Moribund Sacrifice      **HISTO:** 9402403

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 8-8 ]			
[ Hepatocellular Adenoma TGLS = 7-4+10 ]			
Lymph Node	Lumbar	Fibrous Histiocytoma	
	Mediastinal	Fibrous Histiocytoma	
	Popliteal	Fibrous Histiocytoma	
	Renal	Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 4-8 ]			
[ Fibrous Histiocytoma TGLS = 3-7 ]			
[ Fibrous Histiocytoma TGLS = 9-11 ]			
[ Fibrous Histiocytoma TGLS = 6-9 ]			
* Lymph Node, Mesenteric		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 5-10 ]			
* Pancreas	Acinus	Atrophy	Mild
* Skin	Subcut Tiss	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-9 ]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[ Hemangiosarcoma TGLS = 1-3 ]			
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 163	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 629
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402403

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
PRIMARY CAUSE OF DEATH	- Lymph Node Mediastinal Fibrous Histiocytoma		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 164

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 624

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9402404

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-8 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 165

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402405

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-3+4 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 166

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 643  
**HISTO:** 9402406

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

**OBSERVATIONS**

* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 6-1 ]		Lymphoma Malignant	
* Liver [ Lymphoma Malignant TGLS = 1-4 ]		Lymphoma Malignant	
Lymph Node [ Lymphoma Malignant TGLS = 5-9 ] [ Lymphoma Malignant TGLS = 2-7 ] [ Lymphoma Malignant TGLS = 4-8 ]	Lumbar Mediastinal Renal	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
* Lymph Node, Mandibular [ Lymphoma Malignant TGLS = 6-1 ]		Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-4 ]		Lymphoma Malignant	
* Ovary [ Lymphoma Malignant TGLS = 2-7 ]		Lymphoma Malignant	
* Pancreas [ Lymphoma Malignant TGLS = 2-7 ]		Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-7 ]		Lymphoma Malignant	
* Stomach, Forestomach [ Hyperkeratosis TGLS = 7-10 ]	Epithelium	Hyperkeratosis	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 643

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402406

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

[ Lymphoma Malignant TGLS = 2-7 ]

Lymphoma Malignant

\* Urinary Bladder

[ Lymphoma Malignant TGLS = 2-7 ]

Lymphoma Malignant

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PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 167

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402407

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Islets, Pancreatic [ Adenoma TGLS = 7-10 ]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [ Eosinophilic Focus TGLS = 3-8 ] [ Hepatocellular Adenoma TGLS = 2-3 ]		Eosinophilic Focus Hepatocellular Adenoma	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 1-6 ]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 168

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402408

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 169

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402409

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
		Infarct	Mild
	[ Hepatocellular Carcinoma TGLS = 3,4-8+9 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Angiectasis	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
	[ Angiectasis TGLS = 1-6 ]		
	[ Hyperplasia TGLS = 2-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 170

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402410

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-8+9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 171

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 542  
**HISTO:** 9402411

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

\* Parathyroid Gland

**AUTO PRECLUDES DIAG.**

\* Gallbladder

**OBSERVATIONS**

\* Liver

Eosinophilic Focus  
Hepatocellular Adenoma  
Hepatocellular Carcinoma

[ Eosinophilic Focus TGLS = 4-8 ]

[ Hepatocellular Adenoma TGLS = 3-3 ]

[ Hepatocellular Carcinoma TGLS = 1,2-3+8 ]

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402412

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

Harderian Gland [ Carcinoma TGLS = 1-8 ]		Carcinoma	
* Intestine Small, Duodenum [ Polyp Adenomatous TGLS = 2-6 ]		Polyp Adenomatous	
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 2-6 ]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 173

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402413

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Carcinoma	
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402414

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-4+8 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Myometrium	Hyperplasia	Mild
[ Hyperplasia TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 175

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402415

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 4-3 ]			
[ Hepatocellular Adenoma TGLS = 3-8 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 2-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 176

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402416

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,5-3+8 ]		
* Lung	Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-2 ]		
* Ovary	Thrombosis	Moderate
[ Thrombosis TGLS = 1-6 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 177	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 602
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402417

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Clear Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 178

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402418

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 7-4 ]		
	[ Hepatocellular Adenoma TGLS = 2,3,4-3+8+9 ]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Marked
		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2,3,4-3+8+9 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-6 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-6 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 6-8 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-3 ]		
* Thymus		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-3 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 178

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 736  
**HISTO:** 9402418

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Uterus [ Hyperplasia TGLS = 5-6 ]	Endometrium	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 179

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 720

**DOSE:** 0 MG/KG

**DISP:** Natural Death

**HISTO:** 9402419

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-4 ]		
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 3,4-9 ]	Hepatocellular Carcinoma	
	[ Hepatocellular Carcinoma TGLS = 1-8 ]		
* Ovary		Angiectasis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Ectopic Parathyroid Gland	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 180

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 719  
**HISTO:** 9402420

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

- Kidney Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 181

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 671

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402421

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone Marrow		Hemangiosarcoma	
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2,3-3+4 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-4 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin	SOA	Hyperkeratosis	Minimal
* Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-3 ]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Spleen Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 182

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402422

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 4-8 ]			
[ Hepatocellular Adenoma TGLS = 3,6-8+9 ]			
[ Hepatocellular Carcinoma TGLS = 5-3 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 183

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 737  
**HISTO:** 9402423

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

Harderian Gland		Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Liver		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-3 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 1-2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Hyperplasia	Focal, Minimal
[ Adenoma TGLS = 3-2 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 184

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 562

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402424

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Esophagus		Inflammation	Chronic Active, Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 2-3 ]		
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
* Lung		Hemorrhage	Focal, Minimal
		Inflammation	Chronic Active, Moderate
	Mediastinum		
	[ Hemorrhage TGLS = 3-2 ]		
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
* Pancreas		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-3 ]		
* Stomach, Forestomach		Ulcer	Minimal
* Stomach, Glandular		Inflammation	Chronic, Mild
* Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH** - Esophagus Inflammation

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 185	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402425

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

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**MISSING**

* Lymph Node, Mesenteric	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 3-3 ]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 186

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402426

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone		Fibrosis	Minimal
* Intestine Small, Duodenum		Ulcer	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 4,5-3+8 ]			
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 187

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402427

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone		Fibrous Osteodystrophy	Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 4-8 ]			
* Mammary Gland		Carcinoma	
[ Carcinoma TGLS = 1-8 ]			
* Ovary		Granulosa-Theca Tumor Malignant	
[ Granulosa-Theca Tumor Malignant TGLS = 2-9 ]			
* Skin	SOA	Hyperkeratosis	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Granulosa-Theca Tumor Malignant	Metastatic (Ovary)
		Hyperplasia	Cystic, Moderate
[ Granulosa-Theca Tumor Malignant TGLS = 3-6 ]			
[ Hyperplasia TGLS = 5-6 ]			

**PRIMARY CAUSE OF DEATH**

- Ovary Granulosa-Theca Tumor Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 188

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402428

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 5-8 ]		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver [ Hepatocellular Adenoma TGLS = 4-8 ]		Hepatocellular Adenoma	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 3-9 ]		Lymphoma Malignant	
* Spleen [ Lymphoma Malignant TGLS = 2-3 ]		Lymphoma Malignant	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 1-6 ]	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 189

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402429

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

* Parathyroid Gland	* Pituitary Gland
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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 1-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 638

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402430

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
* Intestine Small, Duodenum		Ulcer	Moderate
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-3+8 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas		Hepatocellular Carcinoma	Metastatic (Liver)
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 191

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 736  
**HISTO:** 9402431

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 2,3-4+8 ]		
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
	[ Hyperplasia TGLS = 5-7 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-6 ]		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 192	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402432

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-4 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 3-4 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 193

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402433

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Pituitary Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-4 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 194

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402434

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-6 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 195

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402435

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Nose

**OBSERVATIONS**

* Adrenal Cortex [ Adenoma TGLS = 2-6 ]		Adenoma	
* Heart	Myocardium	Degeneration	Minimal
* Ovary [ Cyst TGLS = 1-6 ]		Cyst Cystadenoma	Moderate
* Pituitary Gland [ Adenoma TGLS = 3-7 ]	Pars Distalis	Adenoma	Multiple
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus [ Hyperplasia TGLS = 2-6 ]	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 196

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 562

**DOSE:** 0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402436

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Liver		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-6 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-6 ]			
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 3-9 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 197

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402437

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-6 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Marked
[ Hyperkeratosis TGLS = 3-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 198

**TRT#:** 2  
**DOSE:** 0 MG/KG

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 736  
**HISTO:** 9402438

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver [ Eosinophilic Focus TGLS = 3-8 ]		Eosinophilic Focus	
* Ovary [ Cystadenoma TGLS = 2-6 ]		Cystadenoma	
* Pituitary Gland [ Adenoma TGLS = 1-7 ]	Pars Distalis	Adenoma	
* Thyroid Gland [ Hyperplasia TGLS = 4-2 ]	Follicle	Hyperplasia	Focal, Moderate
* Uterus [ Polyp Stromal TGLS = 3-6 ]		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 199

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402439

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-4 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402440

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Ovary		Cystadenoma	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 201

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402441

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-4+8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 202

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402442

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Bone		Fibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 203	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402443

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
[ Eosinophilic Focus TGLS = 5-10 ]			
[ Hepatocellular Adenoma TGLS = 2,4-3+9 ]			
[ Lymphoma Malignant TGLS = 3-4 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-8 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-10 ]			
* Skin	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 204

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402444

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 7-10 ]		
	[ Hepatocellular Adenoma TGLS = 1,2,3-3+8+9 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3-3+8+9 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 4-10 ]		
* Pancreas	Acinus	Atrophy	Minimal
* Skin	SOA	Hyperkeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 205

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402445

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1-4 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 206

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402446

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[ Clear Cell Focus TGLS = 3-8 ]		
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 207

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 638

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402447

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-6 ]			
Skeletal Muscle		Rhabdomyosarcoma	
[ Rhabdomyosarcoma TGLS = 4-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 208

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402448

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4,5,6-3+4+8+9+10 ]			
[ Hepatocellular Carcinoma TGLS = 8-11 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-10 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-7 ]			
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 209

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402449

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Clitoral Gland

**OBSERVATIONS**

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 4,5-9 ]		
	[ Hepatocellular Adenoma TGLS = 2,3-8 ]		
	[ Hepatocellular Adenoma TGLS = 4,5-9 ]		
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 210

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402450

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

**MISSING**

\* Thymus

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 4-8 ]		
	[ Hepatocellular Adenoma TGLS = 2,3-3+8 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 5-8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 211

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402451

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-6 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 212

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402452

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hemangiosarcoma TGLS = 3-8 ]		
	[ Hepatocellular Adenoma TGLS = 4-4 ]		
	[ Hepatocellular Carcinoma TGLS = 5-3 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus		Deciduoma Benign	
	Endometrium	Hyperplasia	Cystic, Mild
	[ Deciduoma Benign TGLS = 1-8 ]		
	[ Hyperplasia TGLS = 2-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 213

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402453

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4,5,6,7-4+8+9+10+11 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 214

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402454

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-3 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 215

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402455

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-3 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-8 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-6 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 216

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402456

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Intestine Small, Duodenum		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 3-3 ]		
	[ Hepatocellular Adenoma TGLS = 2-8 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 1-6 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 217

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402457

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2-3 ]			
* Ovary		Granulosa Cell Tumor Benign	
[ Granulosa Cell Tumor Benign TGLS = 2-3 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 218

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402458

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 3,4-3+8 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 2-8 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 219

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 574

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402459

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver [ Necrosis TGLS = 2-8 ]		Necrosis	Focal, Minimal
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Moderate Mild Mild Chronic Active, Minimal
* Uterus [ Hyperplasia TGLS = 1-6 ]	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 220

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402460

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 3-3 ]		
* Ovary		Granulosa Cell Tumor Benign	
	[ Granulosa Cell Tumor Benign TGLS = 1-6 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
		Inflammation	Chronic, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 2-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 221	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 481
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9402461

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Artery	Inflammation	Chronic, Minimal

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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 222

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402462

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 1-8 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 2-6 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 223

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402463

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

Mesentery [ Necrosis TGLS = 2-8 ]	Fat	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Epidermis, SOA SOA, Sebaceous GI	Hyperplasia Hyperplasia	Minimal Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 1-6 ]	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 224      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 736  
**DOSE:** 100 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9402464

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Focal, Minimal
[ Eosinophilic Focus TGLS = 4-2+10 ]			
[ Hepatocellular Adenoma TGLS = 3-3 ]			
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
[ Necrosis TGLS = 5-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 225

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 638

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402465

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Carcinoma	Multiple
[ Eosinophilic Focus TGLS = 4,5-4+9 ] [ Hepatocellular Carcinoma TGLS = 2,3-8 ]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[ Hepatocellular Carcinoma TGLS = 6-2 ]			
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Minimal Minimal Mild Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 226

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402466

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[ Hyperplasia TGLS = 1-6 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 227

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402467

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 8-6 ]			
* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 7-8 ]			
[ Hepatocellular Adenoma TGLS = 4,5,6-9+10 ]			
[ Hepatocellular Carcinoma TGLS = 7-8 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-8 ]			
* Ovary		Granulosa-Theca Tumor Malignant	
[ Granulosa-Theca Tumor Malignant TGLS = 2-6 ]			
* Skin	SOA	Hyperkeratosis	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 228

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402468

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 4-8 ]		
	[ Hepatocellular Adenoma TGLS = 2,3-3+9 ]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[ Alveolar/Bronchiolar Adenoma TGLS = 2,3-3+9 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 1-6 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 229

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 651

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402469

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 6-8 ]			
[ Hepatocellular Adenoma TGLS = 5-3 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Diffuse, Marked
[ Hyperplasia TGLS = 3-2 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 230

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402470

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 3-4 ] [ Hepatocellular Carcinoma TGLS = 3-4 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-6 ]			
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Minimal Mild Mild Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 231

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402471

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 4-8 ]		
	[ Hepatocellular Adenoma TGLS = 2-4 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 3-2 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 232

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** 9402472

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 4,5-4+9+10 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 6-2+8 ]		
* Lymph Node, Mesenteric		Angiectasis	Moderate
	[ Angiectasis TGLS = 7-4 ]		
* Ovary		Angiectasis	Mild
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[ Hematopoietic Cell Proliferation TGLS = 2-3 ]		
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 3-6 ]		

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 233

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402473

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
[ Accessory Adrenal Cortical Nodule TGLS = 2-7 ]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Fatty, Focal, Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 3-2 ]			
[ Hepatocellular Adenoma TGLS = 3-4 ]			
[ Hepatocellular Carcinoma TGLS = 4-8 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 233

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402473

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 234

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402474

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone		Fibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-4 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 235

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402475

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 4,6-4+8 ]			
[ Hepatocellular Adenoma TGLS = 5-3 ]			
Lymph Node	Pancreatic	Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-8 ]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]			
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-6 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 235

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402475

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 236

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402476

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[ Eosinophilic Focus TGLS = 4-3 ]			
[ Hepatocellular Adenoma TGLS = 5,6-9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Schwannoma Malignant	
[ Hyperplasia TGLS = 1-6 ]			
[ Schwannoma Malignant TGLS = 2-8 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 237

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402477

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Fatty, Focal, Minimal
		Hepatocellular Carcinoma	Multiple
[ Hepatocellular Carcinoma TGLS = 2,3-3+4 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 238

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402478

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4-4+8+9 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
[ Hyperplasia TGLS = 5-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-7 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 239

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402479

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Gallbladder

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-3 ]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 3-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 240

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402480

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Hepatocellular Carcinoma Lymphoma Malignant	
	[ Hepatocellular Carcinoma TGLS = 5-9 ] [ Lymphoma Malignant TGLS = 4-4 ]		
* Lung		Granular Cell Tumor Malignant	Metastatic (Ovary)
	[ Granular Cell Tumor Malignant TGLS = 6-2 ]		
Lymph Node	Renal Mediastinal Renal	Hemangiosarcoma Hyperplasia Hyperplasia	Lymphoid, Moderate Lymphoid, Moderate
	[ Hemangiosarcoma TGLS = 7-10 ] [ Hyperplasia TGLS = 7-10 ] [ Hyperplasia TGLS = 8-9 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-11 ]		
* Ovary		Granulosa Cell Tumor Malignant	
	[ Granulosa Cell Tumor Malignant TGLS = 2-8 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI	Hyperkeratosis Hyperplasia Hyperplasia Hyperplasia	Minimal Minimal Mild Lymphoid, Moderate
* Spleen		Hyperplasia	
	[ Hyperplasia TGLS = 1-8 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 240	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 736
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402480

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Hyperplasia	Lymphoid, Marked
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 242

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402482

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

Harderian Gland [ Carcinoma TGLS = 1-8 ]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver [ Eosinophilic Focus TGLS = 5-4 ] [ Hepatocellular Adenoma TGLS = 4-3 ]		Eosinophilic Focus Hepatocellular Adenoma	
* Lung [ Carcinoma TGLS = 3-2 ]		Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cyst	Moderate
* Pituitary Gland [ Adenoma TGLS = 6-7 ]	Pars Distalis	Adenoma	
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Minimal Minimal Minimal Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus [ Hyperplasia TGLS = 2-6 ]	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 243

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 666

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402483

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mandibular	* Parathyroid Gland
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**OBSERVATIONS**

* Brain	Meninges	Infiltration Cellular	Mixed Cell, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3-4+8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 244

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402484

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 3-8 ]		
	[ Hepatocellular Adenoma TGLS = 4-3 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 2-6 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 245

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402485

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Ovary		Cystadenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

[ Hyperplasia TGLS = 1-6 ]

[ Polyp Stromal TGLS = 1-6 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 246

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 656

**DOSE:** 100 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402486

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Thymus

**OBSERVATIONS**

* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-6 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
Spinal Cord	Axon, Nerve	Degeneration	Moderate
* Uterus		Angiectasis	Marked
	Endometrium	Hyperplasia	Cystic, Minimal
[ Angiectasis TGLS = 2-6 ]			
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

- Uterus Angiectasis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 247

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 668

**DOSE:** 100 MG/KG

**DISP:** Natural Death

**HISTO:** 9402487

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
	[ Eosinophilic Focus TGLS = 2,3,4,5-8+9+10 ]		
	[ Lymphoma Malignant TGLS = 4-9 ]		
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-3 ]		
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 248

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402488

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-3 ]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 1-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 736  
**DOSE:** 100 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9402489

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Bone		Fibrosis	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
	[ Eosinophilic Focus TGLS = 3-8 ]		
	[ Hepatocellular Adenoma TGLS = 4-4 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 1-8 ]		
* Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 2-6 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 250      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 737  
**DOSE:** 100 MG/KG      **DISP:** Terminal Sacrifice      **HISTO:** 9402490

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Hepatocellular Adenoma	
	[ Hepatocellular Adenoma TGLS = 4-4 ]		
Lymph Node	Pancreatic	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-8 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
	[ Hyperplasia TGLS = 2-3 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-6 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 251

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402491

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Marked
		Hepatocellular Carcinoma	Multiple
	[ Angiectasis TGLS = 5-4 ]		
	[ Hepatocellular Carcinoma TGLS = 2-3 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 252

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402492

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-3+4 ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2,3-3+4 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 253

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402493

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Brain		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-1 ]			
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 4-8 ]		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 7-1 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-8 ]			
Lymph Node	Lumbar	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-8 ]	Mediastinal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-7 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-1 ]			
* Ovary		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-7 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
* Spleen		Lymphoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 253

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 457

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402493

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Lymphoma Malignant TGLS = 1-3 ]

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

[ Hyperplasia TGLS = 3-6 ]

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PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 254

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 720

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402494

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation Thymoma Benign	Minimal Minimal Mild Chronic Active, Minimal
* Thymus [ Thymoma Benign TGLS = 2-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus [ Hyperplasia TGLS = 1-6 ]	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- Thymus Thymoma Benign

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 255

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 720

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402495

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 4-10 ]			
[ Hepatocellular Adenoma TGLS = 4,5-3+8 ]			
[ Hepatocellular Carcinoma TGLS = 3-8 ]			
Skeletal Muscle		Rhabdomyosarcoma	
[ Rhabdomyosarcoma TGLS = 1-9 ]			
* Skin	SOA	Hyperkeratosis	Marked
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal

**PRIMARY CAUSE OF DEATH** - Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 256

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402496

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Carcinoma Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 3-8 ]			
[ Hepatocellular Carcinoma TGLS = 3-8 ]			
[ Mixed Cell Focus TGLS = 5-4 ]			
* Lymph Node, Mandibular		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 4-1 ]			
* Skin	Epidermis, SOA SOA, Sebaceous GI	Hyperplasia Hyperplasia Hemangiosarcoma	Minimal Mild
* Spleen			
[ Hemangiosarcoma TGLS = 1-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 257

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402497

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 5-8 ]		Lymphoma Malignant	
* Liver  [ Eosinophilic Focus TGLS = 4-8 ] [ Hepatocellular Adenoma TGLS = 2-4 ] [ Hepatocellular Carcinoma TGLS = 3-3 ]		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 6-8 ]		Lymphoma Malignant	
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Minimal Minimal Minimal Chronic Active, Minimal
* Spleen [ Lymphoma Malignant TGLS = 1-3 ]		Lymphoma Malignant	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 257

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402497

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 258

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 653

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402498

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 5-3 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
[ Fibrosarcoma TGLS = 1-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 3-6 ]			

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 259

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 523

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402499

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 3,4-3+8 ]			
* Lung	Mediastinum	Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 2-8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

- Lung Mediastinum Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 260

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402500

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-3+4 ]			
Lymph Node	Mediastinal	Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-8 ]			
* Ovary		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-6 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 261

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 650

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402501

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 3-8 ]		
	[ Hepatocellular Adenoma TGLS = 1,2-4+8 ]		
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 262

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402502

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-8 ]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
[ Hyperplasia TGLS = 4-7 ]			
* Skin	SOA, Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
[ Fibrosarcoma TGLS = 2-8 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 263

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402503

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Eosinophilic Focus TGLS = 3,6,7,8-4+8+9 ]		
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 2-3 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 5-2 ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 4-8 ]		
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Ulcer	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 264

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402504

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 3,4-2+8 ] [ Hepatocellular Adenoma TGLS = 2-8 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	SOA Epidermis, SOA SOA SOA	Hyperkeratosis Hyperplasia Inflammation Parakeratosis	Minimal Mild Chronic Active, Minimal Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 265

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402505

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[ Eosinophilic Focus TGLS = 4,5,6-3+8 ]		
	[ Hepatocellular Carcinoma TGLS = 3-4 ]		
* Ovary		Cystadenoma	
	[ Cystadenoma TGLS = 3-4 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
	[ Hyperplasia TGLS = 2-3 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 266

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 617

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402506

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[ Hepatocellular Adenoma TGLS = 2-3 ]		
	[ Lymphoma Malignant TGLS = 2-3+9+10 ]		
* Lung		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-3 ]		
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 4-8 ]		
	[ Lymphoma Malignant TGLS = 8-7 ]		
	[ Lymphoma Malignant TGLS = 3-9 ]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 5-1 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 6-4 ]		
* Ovary		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 10-6 ]		
* Pancreas		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 10-6 ]		
* Skin	SOA	Hyperkeratosis	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 266

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 617

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402506

**ORGAN AND ACCOUNTABLE SITE STATUS**

	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Ulcer	Minimal
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-8 ]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 9-6 ]			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 267

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402507

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 6-8 ]		
	[ Hepatocellular Adenoma TGLS = 3,4,5,7-3+4+8 ]		
* Ovary		Cystadenoma	
	[ Cystadenoma TGLS = 2-6 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 268

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402508

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-6 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 269

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 476

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402509

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Mild
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 270

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402510

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 3,4-3+8 ]		
	[ Hepatocellular Carcinoma TGLS = 2-4 ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 271

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 625

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402511

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex		Necrosis	Acute, Marked
[ Necrosis TGLS = 10-7 ]			
* Adrenal Medulla		Necrosis	Marked
[ Necrosis TGLS = 10-7 ]			
* Heart	Atrium	Thrombosis	Marked
[ Thrombosis TGLS = 7-2 ]			
* Kidney		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3-3 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 9-9 ]		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 8-8 ]			
* Lung		Thrombosis	Mild
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-8 ]			
[ Lymphoma Malignant TGLS = 5-9 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-4 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 6-4 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 271

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 625

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402511

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Salivary Glands

Lymphoma Malignant

\* Skin

Subcut Tiss

Edema

Moderate

SOA

Hyperkeratosis

Moderate

Epidermis, SOA

Hyperplasia

Mild

SOA, Sebaceous Gl

Hyperplasia

Minimal

SOA

Inflammation

Chronic Active, Minimal

[ Edema TGLS = 1-7 ]

\* Spleen

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 272

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 84

**DOSE:** 200 MG/KG

**DISP:** Accidentally Killed

**HISTO:** 9402512

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thymus		Hemorrhage	Mild

**PRIMARY CAUSE OF DEATH**

- Thymus Hemorrhage

Animal Note: THIS ANIMAL WAS ACCIDENTALLY KILLED

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 273

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 596

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402513

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-3+4 ]			
* Lung		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 2-3+4 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ulcer	Mild
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Minimal
[ Histiocytic Sarcoma TGLS = 1-8 ]			

**PRIMARY CAUSE OF DEATH**

- Uterus Histiocytic Sarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 274

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402514

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Parakeratosis	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 275

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402515

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Heart	Myocardium	Mineralization	Focal, Mild
* Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
		[ Hepatocellular Adenoma TGLS = 6-8 ]	
		[ Histiocytic Sarcoma TGLS = 3,4-3+4 ]	
* Lung		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 3,4-3+4 ]	
Lymph Node	Lumbar	Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 2-8 ]	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 5-4 ]	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 5-4 ]	
* Ovary		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 2-8 ]	
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 1-3 ]	
* Thymus		Histiocytic Sarcoma	
		[ Histiocytic Sarcoma TGLS = 1-3 ]	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 275

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402515

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

Follicle

Hyperplasia

Focal, Mild

\* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

---

PRIMARY CAUSE OF DEATH

- Thymus Histiocytic Sarcoma

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 276

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402516

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 3-2+4 ]		
* Ovary		Granulosa Cell Tumor Benign	
	[ Granulosa Cell Tumor Benign TGLS = 1-6 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 2-6 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 277

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402517

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver	Bile Duct	Cyst	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[ Cyst TGLS = 2-8 ]			
[ Eosinophilic Focus TGLS = 2-6 ]			
[ Hepatocellular Adenoma TGLS = 4,5-3+8 ]			
[ Hepatocellular Carcinoma TGLS = 1-4 ]			
[ Mixed Cell Focus TGLS = 2-6 ]			
* Ovary		Cyst	Moderate
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-6 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 278

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 414

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402518

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**OBSERVATIONS**

* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-6 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 279

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402519

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 1-6+9 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 4-4 ]			
[ Hepatocellular Adenoma TGLS = 3-8 ]			
* Ovary		Thrombosis	Marked
[ Thrombosis TGLS = 2-6 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6+9 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>ANIMAL ID:</b> 280	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 737
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402520

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-3+8 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3,4-3+8 ]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 5-1 ]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-6 ]			
* Ovary		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 3,4-3+8 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 280

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402520

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 281

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 583

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402521

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-3 ]			
* Lung		Hemorrhage	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 282

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402522

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Clitoral Gland [ Cyst TGLS = 3-6 ]		Cyst	Mild
* Kidney		Nephropathy	Minimal
* Ovary [ Cyst TGLS = 1-6 ]		Cyst	Moderate
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation	Mild Moderate Mild Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 283

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402523

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 1-6 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-4 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 284

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402524

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

Harderian Gland [ Carcinoma TGLS = 1-9 ]		Carcinoma	
* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Jejunum [ Lymphoma Malignant TGLS = 4-9 ]		Lymphoma Malignant	
* Liver [ Eosinophilic Focus TGLS = 6-4 ]		Eosinophilic Focus	
Lymph Node [ Lymphoma Malignant TGLS = 3-8 ]	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric [ Lymphoma Malignant TGLS = 5-10 ]		Lymphoma Malignant	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus [ Hyperplasia TGLS = 2-6 ]	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 285

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402525

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 2,3-4+8 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 286

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 517

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402526

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-3 ]			
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Moderate
	SOA	Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 287

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402527

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	
[ Eosinophilic Focus TGLS = 5-9 ]			
[ Hepatocellular Adenoma TGLS = 5-9 ]			
[ Hepatocellular Carcinoma TGLS = 3,4-8+10 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-6 ]			
* Skin	SOA Epidermis, SOA SOA	Hyperkeratosis Hyperplasia Inflammation	Minimal Mild Chronic Active, Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 288      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 625  
**DOSE:** 200 MG/KG      **DISP:** Moribund Sacrifice      **HISTO:** 9402528

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-8 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-6 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal
[ Fibrosarcoma TGLS = 3-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** - Skin Subcut Tiss Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 289

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 539

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402529

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 1-3 ]			
* Heart		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[ Pheochromocytoma Malignant TGLS = 2-3 ]			
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[ Pheochromocytoma Malignant TGLS = 4-2 ]			
Lymph Node	Mediastinal	Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
Mesentery	Fat	Necrosis	Mild
		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[ Necrosis TGLS = 3-8 ]			
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]			

**PRIMARY CAUSE OF DEATH** - Adrenal Medulla Pheochromocytoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 289

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 539

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402529

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 290

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 680

**DOSE:** 200 MG/KG

**DISP:** Natural Death

**HISTO:** 9402530

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 3,4-3+8 ]		
	[ Hepatocellular Carcinoma TGLS = 2-4 ]		
* Skin	SOA	Hyperkeratosis	Moderate
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Uterus		Angiectasis	Moderate
	[ Angiectasis TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

- Uterus Angiectasis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 291

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402531

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Heart	Myocardium	Degeneration	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 3-8 ]		
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[ Eosinophilic Focus TGLS = 6-9 ]		
	[ Hepatocellular Adenoma TGLS = 5-3+8 ]		
	[ Hepatocellular Carcinoma TGLS = 7-10 ]		
* Lung		Inflammation	Granulomatous, Minimal
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 4-6 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-3 ]		
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[ Hyperplasia TGLS = 2-6 ]		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 291

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402531

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 292

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402532

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-8 ]			
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 293

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 615

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402533

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 4-2+4 ]		
	[ Hepatocellular Carcinoma TGLS = 3-9 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[ Hepatocellular Carcinoma TGLS = 2-8 ]		
* Skin	SOA Epidermis, SOA SOA, Sebaceous GI SOA SOA	Hyperkeratosis Hyperplasia Hyperplasia Inflammation Parakeratosis	Marked Moderate Mild Chronic Active, Minimal Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[ Hematopoietic Cell Proliferation TGLS = 1-3 ]		
* Uterus		Angiectasis Inflammation	Moderate Granulomatous, Mild

**PRIMARY CAUSE OF DEATH**

- Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 294

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 737

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402534

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[ Eosinophilic Focus TGLS = 6,7-8+9 ]		
	[ Hepatocellular Adenoma TGLS = 3,5-3+4 ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 4-2 ]		
* Ovary		Cyst	Moderate
	[ Cyst TGLS = 2-6 ]		
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[ Hyperplasia TGLS = 1-6 ]		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 295

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402535

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
[ Eosinophilic Focus TGLS = 4,5,6,8-3+4+8+9 ]			
[ Hepatoblastoma TGLS = 3-10 ]			
[ Hepatocellular Adenoma TGLS = 5-9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 7-8 ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-6 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Schwannoma Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 295

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402535

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Schwannoma Malignant TGLS = 2-10 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 296

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402536

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	[ Clear Cell Focus TGLS = 1-3 ]		
	[ Eosinophilic Focus TGLS = 2-8 ]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 297

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 616

**DOSE:** 200 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9402537

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Heart	Artery	Inflammation	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		[ Eosinophilic Focus TGLS = 1-8 ]	
		[ Hepatocellular Carcinoma TGLS = 1-8 ]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Intermed	Adenoma	
		[ Adenoma TGLS = 2-7 ]	
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Mild
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Intermed Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Eosinophilic Focus;Liver Hepatocellular Carcinoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 298

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402538

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

**MISSING**

* Clitoral Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3,4-3+4+8 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[ Alveolar/Bronchiolar Carcinoma TGLS = 6-2 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
	Pars Distalis	Necrosis	Focal, Minimal
[ Necrosis TGLS = 5-7 ]			
* Skin	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**Date Report Requested:** 10/20/2014  
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**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 299

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402539

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 2,3-3+8 ]			
* Skin	SOA	Hyperkeratosis	Mild
	Epidermis, SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hyperplasia	Mild
	SOA	Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-6 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Lauric acid diethanolamine condensate  
**CAS Number:** 120-40-1

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 19:33:17  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 300

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 736

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402540

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

**OBSERVATIONS**

* Bone Marrow		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-6 ]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
[ Eosinophilic Focus TGLS = 4-9 ]			
[ Hepatocellular Carcinoma TGLS = 2,3-8+9 ]			
* Lung		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 4-9 ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	SOA	Hyperkeratosis	Minimal
	Epidermis, SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hyperplasia	Minimal
	SOA	Inflammation	Chronic Active, Minimal
	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-3 ]			
* Thyroid Gland	Follicle	Hyperplasia	Focal, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 55323-04  
**Test Type:** CHRONIC  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/B6C3F1

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**\*\* END OF REPORT \*\***