

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

C Number:	C91014
Lock Date:	02/17/1993
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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			

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207243

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, 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	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Inflammation	Granulomatous, Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207244
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* 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

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Mild
	Myocardium	Hemorrhage	Minimal
* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Granulomatous, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Liver	* 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
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Lung	Alveolus	Inflammation	Chronic Active, Minimal
	Perivascular	Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207246
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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, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Pancreas		Regeneration	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207247
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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, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Inflammation	Granulomatous, Minimal
		Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207249

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, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Inflammation	Chronic Active, Minimal
	Perivascular	Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Inflammation	Chronic Active, Minimal
	Perivascular	Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:43
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:43

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 5
DOSE: 50 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207321

OBSERVATIONS

* Skin

SOA
Dermis, SOA

Hyperplasia
Inflammation

Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207322

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 5
DOSE: 50 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207323

OBSERVATIONS

* Skin

SOA
Dermis, SOA

Hyperplasia
Inflammation

Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207324

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207325

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207326

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 5 DOSE: 50 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207329
OBSERVATIONS * Skin	SOA	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207301

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-12]

[Hypertrophy TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207302

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
Epidermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Inflammation
Parakeratosis

Mild
Minimal
Chronic Active, Mild
Suppurative, Mild
Mild

[Hyperplasia TGLS = 1-12]
[Hypertrophy TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207303

OBSERVATIONS

* Skin

SOA
Dermis, SOA

Hyperplasia
Inflammation

Mild
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 7
DOSE: 100 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207304

OBSERVATIONS

* Skin

SOA
Dermis, SOA

Hyperplasia
Inflammation

Mild
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207305

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207306

OBSERVATIONS

* Skin

SOA
Dermis, SOA

Hyperplasia
Inflammation

Mild
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207307

OBSERVATIONS

* Skin

SOA

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207309

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

Dermis, SOA

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207281

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Minimal
Chronic Active, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207282

OBSERVATIONS

* Skin

SOA

Hyperplasia

Mild

Dermis, SOA

Inflammation

Chronic Active, Minimal

Epidermis, SOA

Inflammation

Suppurative, Minimal

SOA

Parakeratosis

Mild

SOA

Ulcer

Mild

[Hyperplasia TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Parakeratosis TGLS = 1-12]

[Ulcer TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207283

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207284

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207285

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
Epidermis, SOA
SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Inflammation
Parakeratosis
Ulcer

Mild
Mild
Chronic Active, Minimal
Suppurative, Minimal
Mild
Mild

[Hyperplasia TGLS = 1-12]
[Hypertrophy TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207286

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Minimal
Chronic Active, Minimal
Mild

[Hyperplasia TGLS = 1-12]

[Hypertrophy TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207287

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207288

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Minimal
Chronic Active, Minimal
Mild

[Hyperplasia TGLS = 1-12]
[Hypertrophy TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 92

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207290

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
Epidermis, SOA
SOA
Epidermis, SOA

Hyperplasia
Hypertrophy
Inflammation
Inflammation
Parakeratosis
Ulcer

Mild
Mild
Chronic Active, Minimal
Suppurative, Minimal
Minimal
Mild

[Hyperplasia TGLS = 1-12]

[Hypertrophy TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Parakeratosis TGLS = 1-12]

[Ulcer TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51 **TRT#:** 11 **SEX:** Male **DAY ON TEST:** 92
DOSE: 400 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9207261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* 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	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Mild
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207262

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, 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 | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|----------|-------------------|---------------------------|-------------------------|
| * Kidney | Renal Tubule | Regeneration | Minimal |
| * Liver | Centrilobular | Vacuolization Cytoplasmic | Minimal |
| * Lung | Serosa | Fibrosis | Minimal |
| | Perivascular | Inflammation | Chronic Active, Mild |
| * Skin | SOA | Hyperplasia | Mild |
| | SOA, Sebaceous GI | Hypertrophy | Mild |
| | Dermis, SOA | Inflammation | Chronic Active, Minimal |
| | SOA | Parakeratosis | Mild |

- [Hyperplasia TGLS = 1-12]
- [Hypertrophy TGLS = 1-12]
- [Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Mammary Gland	* 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		

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Mild

[Hyperplasia TGLS = 1-12]
[Hypertrophy TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207264

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, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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

OBSERVATIONS

* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

[Hyperplasia TGLS = 1-12]

[Hypertrophy TGLS = 1-12]

[Inflammation TGLS = 1-12]

[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

[Hyperplasia TGLS = 1-12]
[Hypertrophy TGLS = 1-12]
[Inflammation TGLS = 1-12]
[Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Granulomatous, Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

[Hyperplasia TGLS = 1-10, 12]

[Hypertrophy TGLS = 1-10, 12]

[Inflammation TGLS = 1-10, 12]

[Parakeratosis TGLS = 1-10, 12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Moderate
	SOA	Parakeratosis	Mild

- [Hyperplasia TGLS = 1-12]
- [Hypertrophy TGLS = 1-12]
- [Inflammation TGLS = 1-12]
- [Inflammation TGLS = 1-12]
- [Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Mild
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Minimal
[Hyperplasia TGLS = 1-12]			
[Hypertrophy TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
[Parakeratosis TGLS = 1-12]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney
* 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

* Heart	Myocardium	Cardiomyopathy	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Mild

- [Hyperplasia TGLS = 1-12]
- [Hypertrophy TGLS = 1-12]
- [Inflammation TGLS = 1-12]
- [Inflammation TGLS = 1-12]
- [Parakeratosis TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 92907270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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

OBSERVATIONS

* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Regeneration	Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
	[Hyperplasia TGLS = 1-12]		
	[Hypertrophy TGLS = 1-12]		
	[Inflammation TGLS = 1-12]		
	[Parakeratosis TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Lung	Alveolus	Inflammation	Chronic Active, Minimal
	Perivascular	Inflammation	Chronic Active, Mild
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * 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 | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|----------------------|----------------|----------------|-------------------------|
| * Clitoral Gland | | Inflammation | Chronic Active, Minimal |
| * Heart | Myocardium | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| * Ovary | Periovarn Tiss | Cyst | Minimal |
| [Cyst TGLS = 1-10] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207253

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Mild
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-11]		
* Lung	Alveolus	Inflammation	Chronic Active, Minimal
	Perivascular	Inflammation	Chronic Active, Mild
	Note: A focus on slide #3 has a mild severity grade; all other foci were minimal		
* Nose		Infiltration Cellular	Mild
* Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Ovary	Periovarn Tiss	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207255

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Mineralization	Minimal
* Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-11]		
* Pancreas	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* 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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow	Inflammation	Granulomatous, Minimal
* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Thyroid Gland	Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207257

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
* Lymph Node, Mandibular	* 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		

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
* Lung	Perivascular	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Mild
* Lung	Perivascular	Inflammation	Chronic Active, Mild
* Ovary	Periovarn Tiss	Cyst	Mild

Note: Not observed grossly; one of two ovaries has cyst involving periovarian tissue

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* 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, Mesenteric

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Ovary	Periovarn Tiss	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Inflammation	Granulomatous, Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Ovary			

Note: NO CYST FOUND; MAY HAVE BEEN RUPTURED DURING PROCESSING

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 4	SEX: Female	DAY ON TEST: 92
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex * Skin

OBSERVATIONS

Ovary [Cyst TGLS = 1-10] Follicle Cyst Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-11, 12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 92

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207331

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

Dermis, SOA

Inflammation

Chronic Active, Minimal

SOA

Parakeratosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 6 DOSE: 50 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207332
OBSERVATIONS			
Ovary Note: Cyst appears to have been ruptured during processing [Cyst TGLS = 1-10]	Periovarn Tiss	Cyst	Minimal
* Skin	SOA SOA	Hyperplasia Parakeratosis	Minimal Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207333

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 84

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207334

OBSERVATIONS

* Skin

SOA

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 6 DOSE: 50 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207335
OBSERVATIONS * Skin	SOA	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 86

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207336

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207337

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207338

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207339

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 50 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207340

OBSERVATIONS

* Skin

SOA

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 8 DOSE: 100 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 9207311
OBSERVATIONS			
Ovary [Cyst TGLS = 1-10]	Periovarn Tiss	Cyst	Mild
* Skin	SOA Dermis, SOA SOA	Hyperplasia Inflammation Parakeratosis	Minimal Chronic Active, Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 8	SEX: Female	DAY ON TEST: 92
	DOSE: 100 MG/KG	DISP: Terminal Sacrifice	HISTO: 9207312
OBSERVATIONS			
* Skin	SOA	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207313

OBSERVATIONS

Ovary
[Cyst TGLS = 1-10]

Periovarn Tiss

Cyst

Mild

* Skin

SOA
Dermis, SOA
SOA

Hyperplasia
Inflammation
Parakeratosis

Mild
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94

TRT#: 8
DOSE: 100 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207314

OBSERVATIONS

* Skin

SOA
Dermis, SOA
SOA

Hyperplasia
Inflammation
Parakeratosis

Minimal
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-10, 11]

[Parakeratosis TGLS = 1-10, 11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 95

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207315

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

Dermis, SOA

Inflammation

Chronic Active, Minimal

SOA

Parakeratosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207316

OBSERVATIONS

* Skin

SOA

Hyperplasia

Mild

Dermis, SOA

Inflammation

Chronic Active, Minimal

SOA

Parakeratosis

Mild

[Hyperplasia TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207317

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

Dermis, SOA

Inflammation

Chronic Active, Minimal

Epidermis, SOA

Inflammation

Suppurative, Minimal

SOA

Parakeratosis

Mild

SOA

Ulcer

Minimal

[Hyperplasia TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Parakeratosis TGLS = 1-11]

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207318

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 99

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207319

OBSERVATIONS

* Skin

SOA

Hyperplasia

Minimal

Dermis, SOA

Inflammation

Chronic Active, Minimal

SOA

Parakeratosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 100 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207320

OBSERVATIONS

* Skin

SOA

Hyperplasia

Mild

Dermis, SOA

Inflammation

Chronic Active, Minimal

SOA

Parakeratosis

Minimal

[Hyperplasia TGLS = 1-11]

[Inflammation TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207291

OBSERVATIONS

* Skin

SOA
Dermis, SOA
SOA

Hyperplasia
Inflammation
Parakeratosis

Minimal
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207292

OBSERVATIONS

* Skin

SOA
Dermis, SOA

Hyperplasia
Inflammation

Minimal
Chronic Active, Minimal

[Hyperplasia TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207293

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-11]
[Hypertrophy TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207294

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
Epidermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Inflammation
Parakeratosis

Minimal
Minimal
Chronic Active, Minimal
Suppurative, Minimal
Minimal

[Hyperplasia TGLS = 1-11]
[Hypertrophy TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207295

OBSERVATIONS

* Skin

SOA
Dermis, SOA
SOA

Hyperplasia
Inflammation
Parakeratosis

Minimal
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-11]

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207296

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
Epidermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Inflammation
Parakeratosis

Mild
Minimal
Chronic Active, Minimal
Suppurative, Minimal
Minimal

[Hyperplasia TGLS = 1-10, 11]
[Hypertrophy TGLS = 1-10, 11]
[Inflammation TGLS = 1-10, 11]
[Parakeratosis TGLS = 1-10, 11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207297

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
Epidermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Suppurative, Minimal
Mild

[Hyperplasia TGLS = 1-11]
[Hypertrophy TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207298

OBSERVATIONS

* Skin

SOA
Dermis, SOA
SOA

Hyperplasia
Inflammation
Parakeratosis

Minimal
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207299

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Mild
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-11]
[Hypertrophy TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Parakeratosis TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 10
DOSE: 200 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207300

OBSERVATIONS

* Skin

SOA
SOA, Sebaceous GI
Dermis, SOA
SOA

Hyperplasia
Hypertrophy
Inflammation
Parakeratosis

Mild
Minimal
Chronic Active, Minimal
Minimal

[Hyperplasia TGLS = 1-10]

[Hypertrophy TGLS = 1-10]

[Inflammation TGLS = 1-10]

[Parakeratosis TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207271

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
* Liver	* 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	* Uterus	

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Mild
	[Hyperplasia TGLS = 1-10, 11]		
	[Hypertrophy TGLS = 1-11]		
	[Parakeratosis TGLS = 1-10, 11]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207272

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
* Liver	* 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	* Uterus		

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Mild
[Hyperplasia TGLS = 1-11]			
[Hypertrophy TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* 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
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Inflammation	Granulomatous, Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Lung	Alveolar Epith Perivascular	Inflammation Inflammation Mineralization	Chronic Active, Minimal Chronic Active, Mild Minimal
* Nose		Infiltration Cellular	Minimal
* Skin	SOA SOA, Sebaceous GI Dermis, SOA Epidermis, SOA SOA Epidermis, SOA	Hyperplasia Hypertrophy Inflammation Inflammation Parakeratosis Ulcer	Mild Mild Chronic Active, Minimal Suppurative, Minimal Mild Minimal

[Hyperplasia TGLS = 1-10, 11]

[Hypertrophy TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Parakeratosis TGLS = 1-10, 11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207274

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 | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|-------------------------------|-------------------|----------------|-------------------------|
| * Kidney | | Mineralization | Minimal |
| * Liver | | Inflammation | Chronic Active, Minimal |
| * Skin | Epidermis, SOA | Erosion | Minimal |
| | SOA | Hyperplasia | Mild |
| | SOA, Sebaceous GI | Hypertrophy | Mild |
| | Dermis, SOA | Inflammation | Chronic Active, Minimal |
| | Epidermis, SOA | Inflammation | Suppurative, Minimal |
| | SOA | Parakeratosis | Mild |
| [Hyperplasia TGLS = 1-11] | | | |
| [Hypertrophy TGLS = 1-11] | | | |
| [Inflammation TGLS = 1-11] | | | |
| [Inflammation TGLS = 1-11] | | | |
| [Parakeratosis TGLS = 1-11] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart	Myocardium	Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207276

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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Skin	Epidermis, SOA	Erosion	Mild
	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Mild
[Erosion TGLS = 1-11]			
[Hyperplasia TGLS = 1-10, 11]			
[Hypertrophy TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
* Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207277

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
* 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

* Kidney		Mineralization	Minimal
* Ovary	Periovarn Tiss	Cyst	Moderate
		Mineralization	Minimal
[Cyst TGLS = 1-10]			
[Mineralization TGLS = 1-10A]			
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Mild
	SOA	Parakeratosis	Mild
	SOA	Ulcer	Mild
[Hyperplasia TGLS = 1-11]			
[Hypertrophy TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 12
DOSE: 400 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 92
HISTO: 9207278

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung	Perivascular	Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperplasia	Minimal
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	Epidermis, SOA	Inflammation	Suppurative, Minimal
	SOA	Parakeratosis	Minimal
	SOA	Ulcer	Mild
[Hyperplasia TGLS = 1-12]			
[Hypertrophy TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
[Parakeratosis TGLS = 1-12]			
[Ulcer TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01
Test Type: 90-DAY
Route: SKIN APPLICATION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Oleic acid diethanolamine condensate
CAS Number: 93-83-4

Date Report Requested: 10/19/2014
Time Report Requested: 08:00:44
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Nose		Infiltration Cellular	Mild
* Skin	SOA	Hyperplasia	Moderate
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild
[Hyperplasia TGLS = 1-11]			
[Hypertrophy TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Parakeratosis TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 91014-01

Test Type: 90-DAY

Route: SKIN APPLICATION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oleic acid diethanolamine condensate

CAS Number: 93-83-4

Date Report Requested: 10/19/2014

Time Report Requested: 08:00:44

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/KG

DISP: Terminal Sacrifice

HISTO: 9207280

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	* 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	* Uterus		

OBSERVATIONS

* Liver		Inflammation	Granulomatous, Minimal
* Lung	Perivascular	Inflammation	Chronic Active, Mild
* Skin	SOA	Hyperplasia	Mild
	SOA, Sebaceous GI	Hypertrophy	Mild
	Dermis, SOA	Inflammation	Chronic Active, Minimal
	SOA	Parakeratosis	Mild

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE