

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

C Number:	C90004
Lock Date:	08/25/1997
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38882
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mediastinal	* Mammary Gland		
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 2	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38883
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lymph Node, Bronchial	* 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		
MISSING			
* Lymph Node, Mediastinal			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration Inflammation	Minimal Minimal Chronic, Focal, Minimal
* Lung			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 3	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38884
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
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First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 4	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38885
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration Inflammation	Minimal Minimal Granulomatous, Focal, Minimal
* Lymph Node, Mesenteric			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 5	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38886
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

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Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 6	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38887
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular	* Mammary Gland		
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

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Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38888
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
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Species/Strain: Rat/F 344/N

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Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38889
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* 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			
* Lymph Node, Mediastinal	* Parathyroid Gland		
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38890
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
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Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 10	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38891
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 201	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38982
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 202	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38983
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	Nose		
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38984
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38985
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
Pituitary Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 205	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38986
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38987
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38988
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 208	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38989
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38990
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	TRT#: 3 DOSE: 75 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38991
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38962
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38963
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
Skin		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38964
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	TRT#: 5 DOSE: 150 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38965
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38966
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

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Date Report Requested: 10/22/2014
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First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 406	TRT#: 5 DOSE: 150 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38967
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla Renal Tubule	Accumulation, Hyaline Droplet Casts Granular Regeneration	Mild Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38968
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38969
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	TRT#: 5 DOSE: 150 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38970
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 410	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38971
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	TRT#: 7	SEX: Male	DAY ON TEST: 95
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38942
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	TRT#: 7	SEX: Male	DAY ON TEST: 95
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38943
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	TRT#: 7	SEX: Male	DAY ON TEST: 95
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38944
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 604	TRT#: 7	SEX: Male	DAY ON TEST: 95
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38945
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Regeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	TRT#: 7 DOSE: 300 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38946
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 606	TRT#: 7 DOSE: 300 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38947
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Mild
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 607	TRT#: 7 DOSE: 300 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38948
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla Renal Tubule	Accumulation, Hyaline Droplet Casts Granular Regeneration	Mild Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 608	TRT#: 7 DOSE: 300 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38949
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla Renal Tubule	Accumulation, Hyaline Droplet Casts Granular Regeneration	Mild Minimal Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	TRT#: 7	SEX: Male	DAY ON TEST: 95
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38950
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	TRT#: 7	SEX: Male	DAY ON TEST: 95
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38951
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	TRT#: 9	SEX: Male	DAY ON TEST: 95
	DOSE: 600 PPM	DISP: Terminal Sacrifice	HISTO: 38922
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 802	TRT#: 9 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38923
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	TRT#: 9	SEX: Male	DAY ON TEST: 95
	DOSE: 600 PPM	DISP: Terminal Sacrifice	HISTO: 38924
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 804	TRT#: 9 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38925
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla	Accumulation, Hyaline Droplet Casts Granular	Mild Minimal
* Nose	Renal Tubule Olfactory Epi	Regeneration Degeneration	Mild Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 805	TRT#: 9 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38926
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	TRT#: 9	SEX: Male	DAY ON TEST: 95
	DOSE: 600 PPM	DISP: Terminal Sacrifice	HISTO: 38927
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	TRT#: 9	SEX: Male	DAY ON TEST: 95
	DOSE: 600 PPM	DISP: Terminal Sacrifice	HISTO: 38928
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Regeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 808	TRT#: 9 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38929
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Mild Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 809	TRT#: 9 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38930
OBSERVATIONS			
* Kidney	Renal Tubule Medulla	Accumulation, Hyaline Droplet Casts Granular	Mild Minimal
* Nose	Renal Tubule Olfactory Epi	Regeneration Degeneration	Minimal Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 810	TRT#: 9 DOSE: 600 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38931
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla Renal Tubule	Accumulation, Hyaline Droplet Casts Granular Regeneration	Mild Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1001	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38902
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	Mesentery
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Moderate Mild
* Lung		Inflammation	Chronic, Focal, Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1002	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38903
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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	
MISSING			
* Intestine Small, Ileum			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Minimal Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1003	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38904
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* 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		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1004	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38905
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla Renal Tubule	Accumulation, Hyaline Droplet Casts Granular Regeneration Inflammation Degeneration	Mild Minimal Minimal Granulomatous, Focal, Minimal Hyaline, Minimal
* Lymph Node, Mesenteric			
* Nose	Olfactory Epi		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1005	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38906
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* 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		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Regeneration	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1006	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38907
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mediastinal			
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Moderate Mild
* Nose	Respirat Epith Respirat Epith	Hyperplasia Metaplasia	Mild Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1007	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38908
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* 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			
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Regeneration	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1008	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38909
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* 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			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
	Medulla	Casts Granular	Minimal
	Renal Tubule	Regeneration	Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1009	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38910
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mediastinal			
OBSERVATIONS			
* Kidney	Renal Tubule Medulla Renal Tubule	Accumulation, Hyaline Droplet Casts Granular Regeneration Inflammation Degeneration	Moderate Minimal Mild Granulomatous, Focal, Minimal Hyaline, Minimal
* Lymph Node, Mesenteric			
* Nose	Olfactory Epi		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1010	TRT#: 11 DOSE: 1200 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 95 HISTO: 38911
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Kidney	Renal Tubule Renal Tubule	Accumulation, Hyaline Droplet Regeneration	Moderate Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38892
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 102	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38893
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Parathyroid Gland	* Thyroid Gland		
OBSERVATIONS			
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 38894
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 104	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38895
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Mediastinal	* 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, Bronchial	* Lymph Node, Mandibular		
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
		Hemorrhage	Minimal
* Liver		Congestion	Mild
		Inflammation	Granulomatous, Focal, Minimal
[Congestion TGLS = 1-11]			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
* Ovary		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38896
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
INSUFFICIENT TISSUE			
* Adrenal Medulla			
OBSERVATIONS			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 38897
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 38898
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 38899
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Liver		Inflammation	Granulomatous, Focal, Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	TRT#: 2	SEX: Female	DAY ON TEST: 92
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: 38900
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Lymph Node, Mediastinal			
OBSERVATIONS			
* Heart		Hemorrhage	Minimal
* Liver		Inflammation	Granulomatous, Focal, Mild
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 110	TRT#: 2 DOSE: CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38901
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland	
OBSERVATIONS			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 301	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38992
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 302	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38993
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 303	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38994
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 304	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38995
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 305	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38996
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 306	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38997
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 307	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38998
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 308	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38999
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 309	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 39000
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 310	TRT#: 4 DOSE: 75 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 39001
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 501	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38972
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 502	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38973
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 503	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38974
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	TRT#: 6	SEX: Female	DAY ON TEST: 92
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 38975
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney			
OBSERVATIONS			
Nose	Respirat Epith	Hyperplasia	Mild
Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 505	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38976
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Liver	Nose	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 506	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38977
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 507	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38978
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 508	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38979
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 509	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38980
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 510	TRT#: 6 DOSE: 150 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38981
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 701	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38952
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 702	TRT#: 8	SEX: Female	DAY ON TEST: 92
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38953
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Liver		
OBSERVATIONS			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 703	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38954
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 704	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38955
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 705	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38956
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 706	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38957
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Liver	* Nose		
OBSERVATIONS			
Kidney	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 707	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38958
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 708	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38959
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 709	TRT#: 8 DOSE: 300 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38960
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 710	TRT#: 8	SEX: Female	DAY ON TEST: 92
	DOSE: 300 PPM	DISP: Terminal Sacrifice	HISTO: 38961
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Nose			
OBSERVATIONS			
Kidney	Renal Tubule	Regeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:15
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 901	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38932
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney			
OBSERVATIONS			
Lung [Fibrosis TGLS = 1-11]	Serosa	Fibrosis	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:15

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 902	TRT#: 10	SEX: Female	DAY ON TEST: 92
	DOSE: 600 PPM	DISP: Terminal Sacrifice	HISTO: 38933
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney			
OBSERVATIONS			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 903	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38934
OBSERVATIONS			
Kidney	Renal Tubule	Regeneration	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 904	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38935
OBSERVATIONS			
Kidney	Renal Tubule	Regeneration	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene glycol mono-t-butyl ether

CAS Number: 57018-52-7

Date Report Requested: 10/22/2014

Time Report Requested: 15:01:16

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 905	TRT#: 10	SEX: Female	DAY ON TEST: 92
	DOSE: 600 PPM	DISP: Terminal Sacrifice	HISTO: 38936
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	Liver		
OBSERVATIONS			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 906	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38937
OBSERVATIONS			
Kidney	Renal Tubule	Regeneration	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 907	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38938
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 908	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38939
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 909	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38940
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney	* Nose		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 910	TRT#: 10 DOSE: 600 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38941
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
Kidney			
OBSERVATIONS			
Eye		Mineralization	Minimal
[Mineralization TGLS = 1-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1101	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38912
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
INSUFFICIENT TISSUE			
* Adrenal Medulla			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1102	TRT#: 12	SEX: Female	DAY ON TEST: 92
	DOSE: 1200 PPM	DISP: Terminal Sacrifice	HISTO: 38913
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mediastinal			
OBSERVATIONS			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1103	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38914
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Bronchial	* Lymph Node, Mediastinal		
OBSERVATIONS			
* Heart		Hemorrhage	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1104	TRT#: 12	SEX: Female	DAY ON TEST: 92
	DOSE: 1200 PPM	DISP: Terminal Sacrifice	HISTO: 38915
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Intestine Large, Rectum			
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1105	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38916
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Kidney	Renal Tubule	Regeneration	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1106	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38917
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mediastinal	* Parathyroid Gland		
OBSERVATIONS			
* Heart		Hemorrhage	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1107	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38918
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1108	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38919
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 90004-05
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Propylene glycol mono-t-butyl ether
CAS Number: 57018-52-7

Date Report Requested: 10/22/2014
Time Report Requested: 15:01:16
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 1109	TRT#: 12 DOSE: 1200 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 92 HISTO: 38920
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland	
OBSERVATIONS			
* Lung		Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1110	TRT#: 12	SEX: Female	DAY ON TEST: 92
	DOSE: 1200 PPM	DISP: Terminal Sacrifice	HISTO: 38921
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE