

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C50077

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Degeneration, Lipoid

Kidney

Cortex Nos

Hyperplasia, Focal

Liver

Tubule

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Lung

Bile Duct

Degeneration, Lipoid

Hyperplasia, Nos

Congestion, Nos

Testis

Hemorrhage

Atrophy, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Pituitary gland

Unspecified

Tubule

Multiple Organs Nos

Degeneration, Lipoid

Nephropathy

Pigmentation, Nos

Degeneration, Lipoid

Adenoma, Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Tubule

Lymph node

Mammary gland

Nasal cavity

Pituitary gland

Testis

Thyroid

Unspecified

Multiple Organs Nos

Degeneration, Lipoid

Fibrosis

Nephropathy

Pigmentation, Nos

Inflammation, Acute/Chronic

Hyperplasia, Nos

Metaplasia, Squamous

Adenoma, Nos

Atrophy, Nos

Hyperplasia, Mesothelial

C-Cell Adenoma

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Brain

Heart

Liver

Lung

Mammary gland

Salivary gland

Spleen

Pheochromocytoma, Malignant

Hemorrhage

Degeneration, Nos

Fibrosis

Inflammation, Chronic

Congestion, Nos

Necrosis, Focal

Congestion, Nos

Hyperplasia, Nos

Hyperplasia, Diffuse

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Thrombus, Mural
Kidney		Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Hyperplasia, Focal
Pituitary gland		Hematopoiesis
Spleen		Hyperplasia, Epithelial
Stomach		Atrophy, Nos
Testis		Interstitial-Cell Tumor
		Atrophy, Nos
Thymus		Carcinoma, Nos
Zymbal gland		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Trachea		Metaplasia, Squamous
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Eye

Nasolacrimal Duct

Hyperplasia, Focal

Kidney

Tubule

Inflammation, Suppurative

Liver

Bile Duct

Nephropathy

Lymph node

Pigmentation, Nos

Nasal cavity

Cytoplasmic Change, Basophilic

Prostate

Hyperplasia, Nos

Testis

Hyperplasia, Nos

Unspecified

Inflammation, Nos

Metaplasia, Squamous

Hyperplasia, Focal

Inflammation, Suppurative

Hyperplasia, Interstitial Cell

Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Prostate

Seminal vesicle

Trachea

Tubule

Bile Duct

Pheochromocytoma, Malignant

Fibrosis

Inflammation, Acute/Chronic

Nephropathy

Pigmentation, Nos

Degeneration, Lipoid

Hyperplasia, Nos

Hyperplasia, Nos

Hyperplasia, Focal

Hyperplasia, Focal

Inflammation, Suppurative

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nos

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Heart

Fibrosis

Kidney

Mineralization

Nephropathy

Liver

Tubule

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Degeneration, Lipoid

Lung

Bile Duct

Hyperplasia, Nos

Hemorrhage

Nasal cavity

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
	Cardiac Valve	Inflammation, Nos
Kidney		Mineralization
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Chest	Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Nephropathy

Liver

Tubule

Pigmentation, Nos

Centrilobular

Degeneration, Nos

Periportal

Fibrosis

Bile Duct

Hyperplasia, Nos

Nasal cavity

Inflammation, Suppurative

Parathyroid gland

Hyperplasia, Focal

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas		Atrophy, Diffuse
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
Liver	Tubule	Pigmentation, Nos Degeneration, Lipoid
Lung	Bile Duct	Hyperplasia, Nos
Mammary gland	Alveoli	Histiocytosis
Nasal cavity		Hyperplasia, Nos Inflammation, Suppurative
Testis		Metaplasia, Squamous Atrophy, Nos Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Mineralization Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Large  
Kidney  
  
Liver  
Lymph node  
Mammary gland  
Testis

Colon  
Pelvis  
  
Tubule  
Bile Duct  
  
Tunica Vaginalis  
  
Chest

Pheochromocytoma  
Fibrosis  
Parasitism  
Mineralization  
Nephropathy  
Pigmentation, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Atrophy, Nos  
Interstitial-Cell Tumor  
Mesothelioma, Nos  
Mineralization  
Keratoacanthoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Bronchopneumonia, Acute
		Foreign Body, Nos
		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Degeneration, Lipoid

Blood vessel

Inflammation, Nos

Heart

Fibrosis

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Degeneration, Lipoid

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Testis

Hyperplasia, Interstitial Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Epididymis		Granuloma, Spermatic
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lymph node		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Heart		Fibrosis
Intestine Large	Cecum, Colon	Adenocarcinoma, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Hyperplasia, Lymphoid
	Bronchiole	Inflammation, Suppurative
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
Salivary gland		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma
Unspecified	Flank	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Necrosis, Nos
Bone marrow		Fibrosis
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
Liver		Thrombus, Mural
Mammary gland		Degeneration, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
		Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos Interstitial-Cell Tumor Mineralization
Thyroid		Follicular-Cell Adenoma
Unspecified	Back	Hyperplasia, C Cell Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain		Hemorrhage
Heart		Fibrosis
Kidney	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Peritoneum	Peritoneal Cavity Nos	Neurofibrosarcoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain		Hemorrhage
Epididymis		Granuloma, Spermatic
Heart		Fibrosis
Kidney		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Degeneration, Nos
Pituitary gland		Cyst, Nos
		Hyperplasia, Focal
Salivary gland		Atrophy, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Fibrosis
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
	Cardiac Valve	Thrombosis, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Thrombosis, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Lymph node		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Nos
Nasal cavity		Degeneration, Nos
Preputial gland		Carcinoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel		Thrombosis, Nos
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Periportal	Fibrosis
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
		Inflammation, Granulomatous
		Metaplasia, Osseous
		Pigmentation, Nos
Pancreas		Atrophy, Diffuse
Pituitary gland		Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Pancreas		Atrophy, Diffuse
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Lymphangiectasis
Mammary gland		Hyperplasia, Nos
Preputial gland		Carcinoma, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Head	Fibrosarcoma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal Pheochromocytoma
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
Lymph node		Hyperplasia, Nos
Pancreas		Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Flank	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50077

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene

CAS Number: 115-07-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:50:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 1 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland  
Kidney

Tubule

Degeneration, Lipoid  
Nephropathy  
Pigmentation, Nos  
Inflammation, Suppurative

Larynx  
Liver

Bile Duct

Degeneration, Lipoid  
Hyperplasia, Nos  
Neoplastic Nodule  
Hyperplasia, Alveolar Epithelium  
Inflammation, Acute/Chronic  
Hyperplasia, Nos  
Metaplasia, Squamous  
Adenoma, Nos

Lung  
Lymph node  
Mammary gland  
Nasal cavity  
Pituitary gland  
Testis

Atrophy, Nos  
Interstitial-Cell Tumor  
Mineralization  
C-Cell Carcinoma  
Metaplasia, Squamous  
Fibroma

Thyroid  
Trachea  
Unspecified

Axilla

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney	Tubule	Pigmentation, Nos
Liver		Congestion, Nos
Mammary gland		Hyperplasia, Nos
Thyroid	Follicle	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Blood vessel

Inflammation, Nos

Heart

Thrombosis, Nos

Kidney

Fibrosis

Liver

Tubule

Nephropathy

Lymph node

Pigmentation, Nos

Mammary gland

Degeneration, Lipoid

Testis

Bile Duct

Hyperplasia, Nos

Leukocytosis, Nos

Inflammation, Acute/Chronic

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50077

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene

CAS Number: 115-07-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:50:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 1 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Carcinoma
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Interstitial
Mammary gland		Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Axilla	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Eosinophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Axilla	Lipoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50077

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene

CAS Number: 115-07-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:50:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 1 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Lung		Hemorrhage
		Hyperplasia, Alveolar Epithelium
		Leukocytosis, Nos
		Metaplasia, Osseous
Nasal cavity		Foreign Body, Nos
		Granulation Tissue
		Hyperplasia, Epithelial
		Inflammation, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lymph node

Hyperplasia, Nos

Nasal cavity

Inflammation, Suppurative

Pituitary gland

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Spleen

Fibrosis

Testis

Atrophy, Nos

Tunica Vaginalis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Mesothelioma, Nos

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Brain

Kidney

Liver

Pituitary gland

Seminal vesicle

Testis

Unspecified

Tubule

Bile Duct

Multiple Organs Nos

Degeneration, Lipoid

Hemorrhage

Nephropathy

Pigmentation, Nos

Degeneration, Lipoid

Hyperplasia, Nos

Adenoma, Nos

Inflammation, Suppurative

Atrophy, Nos

Hyperplasia, Interstitial Cell

Mineralization

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Atrophy, Nos
		Mineralization
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Axilla	Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Degeneration, Lipoid

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Eosinophilic

Lung

Hemorrhage

Nasal cavity

Hyperplasia, Epithelial

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Trachea

Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Hemorrhage
		Necrosis, Focal
Kidney		Infarct, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
		Thrombosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Blood vessel		Inflammation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
		Mineralization
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Larynx

Liver

Nasal cavity

Pituitary gland

Testis

Unspecified

Tubule

Bile Duct

Multiple Organs Nos

Hematopoiesis

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Degeneration, Lipoid

Hyperplasia, Nos

Necrosis, Nos

Inflammation, Nos

Cyst, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Degeneration, Lipoid

Bile Duct

Hyperplasia, Nos

Lymph node

Inflammation, Acute/Chronic

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Adenoma, Nos

Testis

Hyperplasia, Interstitial Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Eye

Heart

Kidney

Liver

Lung

Pituitary gland

Testis

Thyroid

Nasolacrimal Duct

Tubule

Degeneration, Lipoid

Inflammation, Suppurative

Fibrosis

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Eosinophilic

Hyperplasia, Alveolar Epithelium

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Cortex Nos

Hyperplasia, Focal  
Fibrosis  
Nephropathy

Liver  
Lung  
Pituitary gland  
Unspecified

Tubule

Pigmentation, Nos  
Cytoplasmic Change, Basophilic  
Congestion, Nos  
Hemorrhage  
Squamous Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
Brain		Granular-Cell Tumor, Nos
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Regeneration, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Focal
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pancreas		Atrophy, Focal
Prostate		Hyperplasia, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
		Thrombus, Mural
Intestine Small	Ileum	Adenocarcinoma, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Necrosis, Central
Lung		Leukocytosis, Nos
Pancreas		Atrophy, Diffuse
	Acinus	Focal Cellular Change
		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Hyperplasia, Epithelial
		Hyperplasia, Lymphoid
	Bronchiole	Polyp, Inflammatory
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pancreas		Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Hyperplasia, Interstitial Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pancreas		Hyperplasia, Focal
Prostate	Acinus	Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Liver

Bile Duct

Lung

Spleen

Testis

Unspecified

Necrosis, Nos

Fibrosis

Hyperplasia, Nos

Necrosis, Central

Hyperplasia, Alveolar Epithelium

Leukocytosis, Nos

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Basal-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone		Osteosarcoma
Heart		Fibrosis
Kidney	Pelvis	Hyperplasia, Epithelial Pyelonephritis, Acute
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor
Urinary bladder		Calculus, Gross Observation Only Hyperplasia, Epithelial Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain		Hemorrhage Necrosis, Focal
Heart		Fibrosis
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Seminal vesicle		Inflammation, Suppurative
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
		Inflammation, Acute/Chronic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
Lymph node		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Focal
Seminal vesicle		Inflammation, Suppurative
Spleen		Hyperplasia, Lymphoid
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos
		Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Nos
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid Pheochromocytoma
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos Necrosis, Focal
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Tongue		Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Larynx

Pigmentation, Nos

Liver

Inflammation, Suppurative

Angiectasis

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Neoplastic Nodule

Mammary gland

Hyperplasia, Nos

Pancreas

Atrophy, Focal

Prostate

Inflammation, Suppurative

Salivary gland

Atrophy, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Thyroid

Mineralization

Trachea

Follicular-Cell Carcinoma

Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50077

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene

CAS Number: 115-07-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:50:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Ganglioneuroma
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung	Alveoli	Histiocytosis
		Hyperplasia, Alveolar Epithelium
		Hyperplasia, Lymphoid
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Larynx

Liver

Lung

Lymph node

Pituitary gland

Seminal vesicle

Testis

Unspecified

Tubule

Bile Duct

Abdomen

Pheochromocytoma

Fibrosis

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Hyperplasia, Nos

Hyperplasia, Lymphoid

Hyperplasia, Nos

Hyperplasia, Focal

Inflammation, Suppurative

Interstitial-Cell Tumor

Mineralization

Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Carcinosarcoma, Invasive
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
Unspecified	Head	Carcinosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Carcinoma, Nos, Invasive
		Hemorrhage
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pituitary gland		Carcinoma, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain		Hemorrhage
		Necrosis, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephrosis, Nos
	Tubule	Pigmentation, Nos
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Thrombosis, Nos
Spleen		Fibrosis, Focal
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Nos

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Bile Duct

Hyperplasia, Nos

Nasal cavity

Foreign Body, Nos

Hyperplasia, Epithelial

Inflammation, Nos

Metaplasia, Squamous

Pituitary gland

Adenoma, Nos

Testis

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Head

Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Brain		Glioma, Nos
Eye	Lacrimal Gland	Inflammation, Nos
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Degeneration, Cystic
Thyroid		Follicular-Cell Carcinoma
		Hyperplasia, C Cell
Trachea		Hyperplasia, Epithelial
		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Hyperplasia, Focal

Kidney

Fibrosis

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lung

Bile Duct

Degeneration, Lipoid

Nasal cavity

Hyperplasia, Nos

Pituitary gland

Hemorrhage

Testis

Hyperplasia, Lymphoid

Inflammation, Suppurative

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

Trachea

Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Nos
Liver		Cytoplasmic Change, Nos
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung		Hyperplasia, Lymphoid
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pancreas		Atrophy, Focal
Pituitary gland		Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Tubule

Degeneration, Lipoid  
Nephropathy  
Pigmentation, Nos  
Pyelonephritis, Acute  
Inflammation, Suppurative

Larynx  
Liver

Bile Duct

Congestion, Nos  
Hematopoiesis  
Hyperplasia, Nos  
Necrosis, Focal  
Foreign Body, Nos  
Inflammation, Suppurative

Nasal cavity

Stomach

Hyperplasia, Epithelial  
Ulcer, Nos

Testis

Atrophy, Nos  
Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos  
Adipose Tissue

Mineralization  
Leukemia, Mononuclear Cell  
Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Mammary gland

Nasal cavity

Seminal vesicle

Spleen

Thyroid

Tubule

Bile Duct

Degeneration, Cystic

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Suppurative

Hyperplasia, Lymphoid

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Degeneration, Lipoid  
Nephropathy  
Nephrosis, Nos

Liver

Tubule

Pigmentation, Nos

Prostate

Bile Duct

Degeneration, Nos

Seminal vesicle

Hyperplasia, Nos

Testis

Inflammation, Suppurative

Inflammation, Suppurative

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Pelvis	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
		Pigmentation, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Mesothelioma, Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Degeneration, Lipoid

Pheochromocytoma

Heart

Fibrosis

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Degeneration, Lipoid

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Adenoma, Nos

Spleen

Hematopoiesis

Testis

Atrophy, Nos

Unspecified

Abdomen

Interstitial-Cell Tumor

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Pituitary gland		Adenoma, Nos
Spleen		Pigmentation, Nos
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Epididymis		Granuloma, Spermatic
Heart		Inflammation, Acute/Chronic
Kidney	Pelvis	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified	Back	Keratoacanthoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pancreas		Atrophy, Focal
Pituitary gland		Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin		Acanthosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
		Degeneration, Lipoid
Lymph node		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pancreas		Atrophy, Focal
Prostate		Hyperplasia, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
		Metaplasia, Squamous
Pancreas	Acinus	Focal Cellular Change
Preputial gland		Carcinoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Larynx

Liver

Mammary gland

Nasal cavity

Pituitary gland

Testis

Unspecified

Tubule

Bile Duct

Multiple Organs Nos

Degeneration, Lipoid

Fibrosis

Nephropathy

Pigmentation, Nos

Inflammation, Nos

Degeneration, Nos

Hyperplasia, Nos

Hyperplasia, Nos

Inflammation, Nos

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Pelvis

Tubule

Larynx

Lymph node

Pituitary gland

Testis

Thyroid

Unspecified

Multiple Organs Nos

Multiple Organs Nos

Degeneration, Lipoid

Fibrosis

Necrosis, Nos

Nephropathy

Pigmentation, Nos

Inflammation, Nos

Hyperplasia, Nos

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Nos
		Metaplasia, Squamous
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
Lung		Congestion, Nos
Lymph node		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Nasal cavity

Seminal vesicle

Stomach

Testis

Tubule

Bile Duct

Mandibular Lymph Node

Pheochromocytoma

Fibrosis

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Osteosarcoma, Metastatic

Osteosarcoma, Metastatic

Hyperplasia, Nos

Inflammation, Suppurative

Metaplasia, Squamous

Osteosarcoma

Inflammation, Suppurative

Hyperplasia, Epithelial

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Ear		Neurofibrosarcoma
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
	Bronchiole	Hyperplasia, Epithelial
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Pancreas		Hyperplasia, Focal
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Trachea		Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Degeneration, Lipoid

Lymph node

Bile Duct

Hyperplasia, Nos  
Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Nasal cavity

Inflammation, Nos

Pancreas

Metaplasia, Squamous

Pituitary gland

Acinar-Cell Adenoma

Cyst, Nos

Testis

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Brain

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Testis

Trachea

Unspecified

Tubule

Islets

Multiple Organs Nos

Hemorrhage

Hemorrhage

Necrosis, Focal

Nephropathy

Pigmentation, Nos

Degeneration, Nos

Necrosis, Nos

Hyperplasia, Nos

Islet-Cell Adenoma

Adenoma, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Metaplasia, Squamous

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Tubule

Bile Duct

Nasal cavity

Oral mucosa

Stomach

Testis

Degeneration, Lipoid

Fibrosis

Pigmentation, Nos

Degeneration, Lipoid

Hyperplasia, Nos

Inflammation, Suppurative

Squamous Cell Carcinoma

Hyperplasia, Epithelial

Hyperplasia, Interstitial Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C50077

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene

CAS Number: 115-07-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:50:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Nasal cavity

Pancreas

Pituitary gland

Seminal vesicle

Testis

Tubule

Bile Duct

Cortical Adenoma

Fibrosis

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Hyperplasia, Alveolar Epithelium

Hyperplasia, Nos

Inflammation, Nos

Atrophy, Diffuse

Adenoma, Nos

Angiectasis

Inflammation, Suppurative

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Thrombosis, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Medulla

Pheochromocytoma

Lung  
Lymph node  
Mammary gland  
Pituitary gland  
Prostate  
Testis

Tubule

Fibrosis  
Nephropathy  
Pigmentation, Nos  
Inflammation, Granulomatous  
Hyperplasia, Nos  
Hyperplasia, Nos  
Adenoma, Nos  
Inflammation, Suppurative  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic Degeneration, Cystic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Lymphoid
Lymph node		Inflammation, Acute/Chronic Lymphangiectasis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative Metaplasia, Squamous
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Cyst, Nos
	Posterior Lobe	Embryonal Rest
Prostate		Hyperplasia, Focal
		Hyperplasia, Focal
Testis		Inflammation, Suppurative Atrophy, Nos Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Degeneration, Nos Fibrosis
Kidney	Tubule	Nephropathy Pigmentation, Nos Inflammation, Suppurative
Larynx		Cytoplasmic Change, Basophilic Cytoplasmic Change, Eosinophilic
Liver		Degeneration, Lipoid Hyperplasia, Nos
Mammary gland	Bile Duct	Hyperplasia, Nos Inflammation, Acute/Chronic
Pancreas		Cyst, Nos Hyperplasia, Focal
Pituitary gland		Inflammation, Suppurative
Prostate		Atrophy, Nos
Testis		Interstitial-Cell Tumor Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Brain		Hemorrhage
		Necrosis, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Prostate		Inflammation, Suppurative
Spleen		Necrosis, Focal
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Suppurative

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid Hematopoiesis
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Cyst, Nos
		Hyperplasia, Focal
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Stomach		Hyperplasia, Epithelial
Testis		Inflammation, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Interstitial Cell Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Medulla

Hyperplasia, Focal

Kidney

Pheochromocytoma

Fibrosis

Liver

Tubule

Nephropathy

Pigmentation, Nos

Mammary gland

Bile Duct

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Peritoneum

Peritoneal Cavity Nos

Hyperplasia, Nos

Mesothelioma, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland		Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Stomach		Erosion
		Hyperkeratosis
		Hyperplasia, Epithelial
		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Nos
Oral mucosa	Palate Nos	Thrombosis, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thymus		Hyperplasia, Epithelial
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lymph node		Inflammation, Acute/Chronic
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney

Colon

Parasitism

Liver  
Mammary gland  
Pancreas  
Pituitary gland

Tubule

Nephropathy

Bile Duct

Pigmentation, Nos

Hyperplasia, Nos

Hyperplasia, Nos

Atrophy, Focal

Cyst, Nos

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

Thyroid

Hemorrhage

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Larynx

Liver

Lymph node

Pancreas

Pituitary gland

Preputial gland

Prostate

Testis

Tubule

Bile Duct

Angiectasis

Fibrosis

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Acute/Chronic

Atrophy, Diffuse

Hyperplasia, Focal

Inflammation, Suppurative

Inflammation, Suppurative

Atrophy, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Penis	Prepuce Nos	Abscess, Nos
	Prepuce Nos	Hyperplasia, Epithelial
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Prostate

Testis

Tooth

Unspecified

Tubule

Bile Duct

Tunica Vaginalis

Multiple Organs Nos

Degeneration, Lipoid

Nephropathy

Pigmentation, Nos

Hyperplasia, Nos

Inflammation, Suppurative

Atrophy, Nos

Interstitial-Cell Tumor

Mesothelioma, Nos

Inflammation, Suppurative

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Brain		Perivascular Cuffing
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
		Hemosiderosis
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Nephrosis, Hydro
	Tubule	Pigmentation, Nos
		Pyelonephritis, Acute
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Peritoneum	Peritoneal Cavity Nos	Fibrosarcoma
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Urinary bladder	Mucosa	Hyperplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Lung

Spleen

Stomach

Unspecified

Tubule

Thoracic Cavity Nos

Degeneration, Lipoid

Fibrosis

Nephropathy

Pigmentation, Nos

Squamous Cell Carcinoma, Invasive

Hemosiderosis

Hyperplasia, Epithelial

Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Eosinophilic Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Cyst, Nos
		Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_018

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Pituitary gland

Thyroid

Tubule

Bile Duct

Pheochromocytoma

Fibrosis

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Degeneration, Lipoid

Hyperplasia, Nos

Hyperplasia, Nos

Hyperplasia, Focal

Follicular-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Nephropathy

Larynx  
Liver

Tubule

Pigmentation, Nos  
Inflammation, Suppurative  
Cytoplasmic Change, Basophilic

Testis

Bile Duct

Hyperplasia, Nos  
Atrophy, Nos  
Interstitial-Cell Tumor

Unspecified

Abdomen

Mineralization  
Inflammation, Suppurative

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Penis	Prepuce Nos	Inflammation, Suppurative
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Diffuse
Pituitary gland		Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Eye

Kidney

Liver

Lung

Lymph node

Spleen

Testis

Thymus

Thyroid

Unspecified

Nasolacrimal Duct

Tubule

Bile Duct

Head

Pheochromocytoma

Inflammation, Suppurative

Nephropathy

Pigmentation, Nos

Hyperplasia, Nos

C-Cell Carcinoma, Metastatic

Hyperplasia, Nos

Hematopoiesis

Interstitial-Cell Tumor

Atrophy, Nos

C-Cell Carcinoma

Follicular-Cell Adenoma

Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Cytoplasmic Change, Basophilic

Lung

Bile Duct

Hyperplasia, Nos  
Hyperplasia, Alveolar Epithelium

Mammary gland

Hyperplasia, Nos

Nasal cavity

Inflammation, Nos

Stomach

Hyperplasia, Epithelial

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Head

Mineralization

Osteosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_024

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large  
Kidney

Colon

Parasitism

Liver

Tubule

Nephropathy

Pancreas

Pituitary gland

Testis

Bile Duct

Pigmentation, Nos

Hematopoiesis

Hyperplasia, Nos

Atrophy, Diffuse

Adenoma, Nos

Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Mammary gland

Degeneration, Lipoid

Pancreas

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Nos

Testis

Atrophy, Focal

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Mammary gland		Hyperplasia, Nos
Pancreas		Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland		Cyst, Nos
		Hyperplasia, Focal
Prostate		Inflammation, Nos
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Bile Duct

Pigmentation, Nos

Lung

Hyperplasia, Nos

Mammary gland

Hyperplasia, Alveolar Epithelium

Testis

Inflammation, Interstitial

Thyroid

Galactocele

Unspecified

Chest

Atrophy, Nos

Hyperplasia, Interstitial Cell

Multiple Organs Nos

Hyperplasia, C Cell

Fibroma

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C50077

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Propylene

CAS Number: 115-07-1

Date Report Requested: 10/26/2014

Time Report Requested: 10:50:44

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Degeneration, Lipoid
Brain	Cortex Nos	Hyperplasia, Focal Astrocytoma Hemorrhage Necrosis, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Tubule Centrilobular Bile Duct	Pigmentation, Nos Degeneration, Nos Hyperplasia, Nos Necrosis, Central
Mammary gland		Hyperplasia, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor Mineralization
Thyroid		Hyperplasia, C Cell
Trachea		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Brain		Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative Inflammation, Suppurative
Kidney		Nephropathy
Liver	Tubule	Pigmentation, Nos Cytoplasmic Change, Basophilic Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos Necrosis, Focal Inflammation, Suppurative
Nasal cavity		Atrophy, Diffuse
Pancreas		Hyperplasia, Focal
Pituitary gland		Atrophy, Nos
Salivary gland		Inflammation, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Pheochromocytoma, Malignant

Heart

Fibrosis

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Larynx

Inflammation, Suppurative

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchiole

Hyperplasia, Epithelial

Spleen

Bronchiole

Inflammation, Suppurative

Testis

Fibrosis, Focal

Atrophy, Nos

Trachea

Interstitial-Cell Tumor

Mineralization

Hyperplasia, Epithelial

Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Hyperplasia, Focal  
Mineralization  
Nephropathy

Liver  
Mammary gland  
Pituitary gland

Tubule  
Bile Duct

Pigmentation, Nos  
Hyperplasia, Nos  
Hyperplasia, Nos  
Cyst, Nos

Testis

Hyperplasia, Focal  
Atrophy, Nos  
Interstitial-Cell Tumor

Unspecified

Tunica Vaginalis  
Multiple Organs Nos

Mesothelioma, Nos  
Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Larynx

Liver

Lung

Nasal cavity

Pancreas

Peritoneum

Pituitary gland

Spleen

Testis

Unspecified

Tubule

Bile Duct

Peritoneal Cavity Nos

Multiple Organs Nos

Degeneration, Lipoid

Nephropathy

Pigmentation, Nos

Inflammation, Suppurative

Degeneration, Nos

Hematopoiesis

Hyperplasia, Nos

Hematopoiesis

Inflammation, Suppurative

Metaplasia, Squamous

Atrophy, Diffuse

Necrosis, Fat

Cyst, Nos

Hematopoiesis

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Tubule

Pigmentation, Nos

Mammary gland

Bile Duct

Hyperplasia, Nos

Pancreas

Hyperplasia, Nos

Prostate

Atrophy, Diffuse

Testis

Inflammation, Suppurative

Tooth

Hyperplasia, Interstitial Cell

Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Inflammation, Acute/Chronic
Nasal cavity		Inflammation, Suppurative
Pituitary gland		Hyperplasia, Focal
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Tooth		Inflammation, Suppurative
Zymbal gland		Carcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney

Tubule

Nephropathy

Liver

Pigmentation, Nos

Lung

Lymph node

Nasal cavity

Bile Duct

Bronchiole

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Inflammation, Suppurative

Inflammation, Acute/Chronic

Foreign Body, Nos

Hyperplasia, Epithelial

Inflammation, Suppurative

Pancreas

Testis

Atrophy, Focal

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Lipoidosis
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas		Atrophy, Focal
Prostate		Hyperplasia, Focal
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Kidney

Cortex Nos  
Colon

Hyperplasia, Focal  
Parasitism  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Cytoplasmic Change, Eosinophilic  
Degeneration, Nos

Mammary gland  
Pituitary gland  
Seminal vesicle  
Testis

Bile Duct

Hyperplasia, Nos  
Galactocele  
Adenoma, Nos  
Inflammation, Suppurative  
Atrophy, Nos

Thyroid  
Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor  
Follicular-Cell Carcinoma  
Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma, Malignant
Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Nos
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Thyroid		Follicular-Cell Carcinoma
Unspecified	Flank	Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Lymph node		Inflammation, Acute/Chronic
Nasal cavity		Inflammation, Nos
Pancreas		Atrophy, Diffuse
Pituitary gland		Cyst, Nos
		Hyperplasia, Focal
Prostate		Inflammation, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Eye

Nasolacrimal Duct

Hyperplasia, Focal

Kidney

Tubule

Inflammation, Suppurative

Liver

Bile Duct

Nephropathy

Lymph node

Pigmentation, Nos

Pituitary gland

Degeneration, Lipoid

Stomach

Hyperplasia, Nos

Inflammation, Acute/Chronic

Adenoma, Nos

Hyperplasia, Epithelial

Inflammation, Chronic Focal

Testis

Ulcer, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Unspecified

Flank

Cyst, Epidermal Inclusion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Skull	Osteoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Degeneration, Lipoid
Lung		Congestion, Nos
Lymph node		Inflammation, Acute/Chronic
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hemosiderosis
Stomach		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart		Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Adenocarcinoma, Nos
		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Eye

Heart

Kidney

Liver

Lymph node

Nasal cavity

Pituitary gland

Prostate

Testis

Thyroid

Nasolacrimal Duct

Tubule

Degeneration, Lipoid

Inflammation, Suppurative

Fibrosis

Nephropathy

Pigmentation, Nos

Cytoplasmic Change, Basophilic

Inflammation, Acute/Chronic

Inflammation, Suppurative

Adenoma, Nos

Hyperplasia, Focal

Inflammation, Suppurative

Hyperplasia, Interstitial Cell

C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Focal

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart		Fibrosis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077  
**Test Type:** Long-Term  
**Route:** Inhalation  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Propylene  
**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 10:50:44  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Heart		Fibrosis
		Inflammation, Acute/Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Hyperplasia, Nos
Nasal cavity		Metaplasia, Squamous
Pituitary gland		Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified		Cyst, Epidermal Inclusion
		Inflammation, Suppurative
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:44

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_048

**TRT#:** 3

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Brain

Liver

Lung

Stomach

Testis

Bile Duct

Alveoli

Unspecified

Multiple Organs Nos

Fibrosis

Hemorrhage

Necrosis, Focal

Hyperplasia, Nos

Histiocytosis

Hyperplasia, Epithelial

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

Leukemia, Mononuclear Cell

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:45

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Fibrosis

Kidney

Nephropathy

Tubule

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Hyperplasia, Alveolar Epithelium

Lymph node

Inflammation, Acute/Chronic

Pancreas

Atrophy, Focal

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50077

**Test Type:** Long-Term

**Route:** Inhalation

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Propylene

**CAS Number:** 115-07-1

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 10:50:45

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla

Hyperplasia, Nos

Nephropathy

Pigmentation, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lymph node

Inflammation, Acute/Chronic

Pituitary gland

Adenoma, Nos

Hyperplasia, Focal

Prostate

Hyperplasia, Focal

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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**\*\* END OF REPORT \*\***