

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C06155A
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Unspecified

Inflammation, Chronic Focal

Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Salivary gland

Inflammation, Chronic Focal

Testis

Tubule

Calcification, Nos

Unspecified

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Dermis

Fibrosis

Unspecified

Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

Salivary gland

Inflammation, Chronic Focal

Testis

Tubule

Degeneration, Nos

Thyroid

Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Urinary bladder	Submucosa	Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Unspecified	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Salivary gland

Inflammation, Chronic Focal  
Hepatocellular Carcinoma  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Salivary gland

Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Adenoma

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Salivary gland  
Unspecified

Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney  
Liver  
Lung  
Salivary gland

Inflammation, Chronic Focal  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Adenoma  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Salivary gland

Inflammation, Chronic Focal  
Hepatocellular Carcinoma  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Spleen  
Unspecified

Inflammation, Chronic Focal  
Hematopoiesis  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Salivary gland

Inflammation, Chronic Focal  
Hepatocellular Adenoma  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver		Hemangiosarcoma
Stomach	Forestomach	Squamous Cell Papilloma
Unspecified	Thorax Nos	Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Unspecified

Alveolar/Bronchiolar Adenoma  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Salivary gland

Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Salivary gland

Inflammation, Chronic Focal  
Hepatocytomegaly  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Salivary gland

Stomach

Unspecified

Forestomach

Inflammation, Chronic Focal

Squamous Cell Papilloma

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung

Thrombus, Organized

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney

Pelvis

Hemangiosarcoma

Salivary gland

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver

Tubular-Cell Adenoma  
Hemangiosarcoma  
Necrosis, Nos

Spleen  
Thyroid

Hemangiosarcoma  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

Lung

Alveolar/Bronchiolar Adenoma

Salivary gland

Inflammation, Chronic Focal

Thyroid

Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung	Alveoli	Histiocytosis
Salivary gland		Inflammation, Chronic Focal
Skin	Dermis	Inflammation, Chronic
	Epidermis	Ulcer, Nos
Urinary bladder	Submucosa	Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Salivary gland  
Spleen  
Unspecified

Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Hematopoiesis  
Abscess, Nos  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Salivary gland  
Skin

Cortex Nos

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Acanthosis

Dermis

Inflammation, Chronic  
Hyperplasia, Follicular Cell

Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lung		Thrombosis, Nos
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Unspecified

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Skin

Atrium

Thrombus, Mural  
Inflammation, Chronic

Epidermis

Inflammation, Nos

Spleen  
Unspecified

Hematopoiesis  
Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Salivary gland

Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Testis	Tubule	Calcification, Nos
Unspecified		Fibroma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla

Hyperplasia, Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Lymph node

Mesenteric Lymph Node

Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Bronchiole

Aspiration, Foreign Body

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Liver		Hematopoiesis Hepatocellular Carcinoma Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos Inflammation, Chronic Focal
Salivary gland		Inflammation, Acute
Skin	Dermis Epidermis	Ulcer, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lymph node

Cortex Nos  
Mesenteric Lymph Node  
Mandibular Lymph Node

Hypertrophy, Focal  
Congestion, Nos  
Hyperplasia, Plasma Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Salivary gland

Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Salivary gland

Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Unspecified

Inflammation, Chronic Focal  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Pituitary gland		Hyperplasia, Focal
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
Unspecified		Fibrosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulosclerosis, Nos
Liver		Hepatocellular Carcinoma
Skeletal muscle		Fibrosarcoma
Testis	Tubule	Calcification, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel

Sup.Panc-Duod.Artery

Inflammation, Chronic

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

Lung

Alveolar/Bronchiolar Adenoma

Preputial gland

Hepatocellular Carcinoma, Metastatic

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Harderian gland  
Kidney

Hardarian Gland

Adenoma, Nos  
Inflammation, Chronic Focal  
Tubular-Cell Adenoma

Stomach  
Unspecified

Mucosa  
Multiple Organs Nos

Inflammation, Acute Focal  
Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Hyperplasia, Cystic Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Carcinoma
Testis	Tubule	Calcification, Nos
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Cyst, Nos
Salivary gland		Inflammation, Chronic Focal
Skin	Dermis	Ulcer, Nos
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Skin

Dermis  
Dermis

Fibrosis  
Ulcer, Nos  
Hyperplasia, Follicular Cell  
Lymphoma, Nos-Malignant

Thyroid

Unspecified

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Salivary gland		Inflammation, Chronic Focal
Unspecified		Fibroma
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pituitary gland		Hyperplasia, Focal
Skin	Dermis	Fibrosis
	Dermis	Inflammation, Acute/Chronic
		Ulcer, Nos
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 000.5 G/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Intestine Small  
Unspecified

Mesentery Nos

Necrosis, Fat  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver	Centrilobular	Atrophy, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Inflammation, Acute
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Spleen  
Thyroid  
Unspecified

Inflammation, Chronic Focal  
Hemangiosarcoma  
Hyperplasia, Follicular Cell  
Fibroma  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 000.5 G/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hematopoiesis
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Skin	Dermis	Ulcer, Nos
Testis	Tubule	Degeneration, Nos
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Pancreas		Inflammation, Acute Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified		Fibroma
		Inflammation, Acute
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Skin

Inflammation, Chronic Focal  
Hyperplasia, Focal  
Acanthosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Harderian gland  
Lymph node  
Salivary gland  
Unspecified  
Urinary bladder

Harderian Gland  
Mesenteric Lymph Node  
  
Submucosa

Adenoma, Nos  
Lymphoma, Histiocytic-Malignant Type  
Inflammation, Chronic Focal  
Fibrosis  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 000.5 G/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hematopoiesis
Lung		Fibrosarcoma, Metastatic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulosclerosis, Nos

Liver

Hepatocellular Carcinoma

Lung

Alveolar/Bronchiolar Adenoma

Salivary gland

Inflammation, Chronic Focal

Urinary bladder

Submucosa

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver	Hepatocellular Adenoma
Unspecified	Fibroma
	Metaplasia, Osseous

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Stomach

Forestomach

Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Unspecified

Mesenteric Lymph Node  
Multiple Organs Nos

Congestion, Nos  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Spleen

Hematopoiesis

Unspecified

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Skin

Medulla

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Acanthosis  
Fibrosis

Dermis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Urinary bladder

Pyelonephritis, Acute

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Necrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Pancreas	Acinus	Atrophy, Focal
Salivary gland		Inflammation, Chronic Focal
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Salivary gland  
Thyroid

Mesentery Nos

Inflammation, Granulomatous  
Inflammation, Chronic Focal  
Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Calcification, Focal

Testis

Tubule

Calcification, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Hematopoiesis

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Adenoma

Salivary gland

Metamorphosis, Fatty

Skin

Dermis

Inflammation, Chronic Focal

Fibrosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Salivary gland

Inflammation, Chronic Focal

Urinary bladder

Submucosa

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Fibrosarcoma

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulosclerosis, Nos

Liver

Hepatocellular Carcinoma

Lung

Metaplasia, Osseous

Salivary gland

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Salivary gland		Inflammation, Chronic Focal
Unspecified		Fibrosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla

Hyperplasia, Focal  
Glomerulosclerosis, Nos  
Inflammation, Chronic Focal

Liver

Hepatocellular Adenoma  
Hepatocellular Carcinoma

Salivary gland

Inflammation, Chronic Focal

Urinary bladder

Submucosa

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

Metamorphosis, Fatty

Salivary gland

Inflammation, Chronic Focal

Urinary bladder

Submucosa

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic Focal
Liver	Metamorphosis, Fatty
Salivary gland	Inflammation, Chronic Focal
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Inflammation, Chronic Focal

Hepatocellular Adenoma

Infarct, Nos

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Carcinoma
	Alveoli	Histiocytosis
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Harderian gland  
Intestine Small  
Salivary gland  
Thyroid  
Urinary bladder

Hardarian Gland  
Mesentery Nos  
  
Submucosa

Adenoma, Nos  
Necrosis, Fat  
Inflammation, Chronic Focal  
Hyperplasia, Follicular Cell  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 000.5 G/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic
Bone marrow		Hemangiosarcoma
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Spleen		Hemangiosarcoma
Thyroid		Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 000.5 G/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Metamorphosis, Fatty
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Salivary gland

Inflammation, Chronic Focal

Urinary bladder

Submucosa

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 000.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Inflammation, Chronic Focal

Lung

Alveolar/Bronchiolar Adenoma

Salivary gland

Inflammation, Chronic Focal

Unspecified

Fibrosarcoma

Urinary bladder

Submucosa

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Nasal cavity

Cortex Nos

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Hepatocellular Adenoma  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal Nephrosis, Hydro
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Salivary gland

Hyperplasia, Hematopoietic  
Inflammation, Chronic Focal  
Hyperplasia, Intraductal  
Inflammation, Chronic Focal  
Hematopoiesis  
Degeneration, Nos  
Fibrosarcoma

Spleen

Testis

Unspecified

Tubule

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone  
Kidney  
Salivary gland

Tarsal Joint

Ankylosis  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
	Necrosis, Nos
Preputial gland	Inflammation, Suppurative
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Serosa  
Tubule

Inflammation, Fibrinous  
Calcification, Nos  
Inflammation, Chronic Focal

Lymph node  
Testis

Mesenteric Lymph Node  
Tubule

Congestion, Nos  
Calcification, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic Focal
Skin		Inflammation, Acute
		Ulcer, Nos
Spleen		Amyloidosis
		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

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

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Skin		Inflammation, Acute
		Ulcer, Nos
Unspecified	Multiple Organs Nos	Amyloidosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nodular
Bone	Tarsal Joint	Ankylosis
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Skin		Squamous Cell Papilloma
Stomach	Forestomach	Squamous Cell Papilloma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Intestine Large  
Kidney  
Lymph node  
Urinary bladder

Anus Nos  
  
Mesenteric Lymph Node

Prolapse  
Pyelonephritis, Acute  
Congestion, Nos  
Perivasculitis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Liver  
Nasal cavity  
Skin  
Spleen

Hematopoiesis  
Hepatocellular Adenoma  
Inflammation, Chronic  
Ulcer, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Hyperplasia, Cystic Inflammation, Chronic Focal
Nasal cavity		Inflammation, Chronic Focal
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic Focal
Skin		Necrosis, Focal
Thyroid		Hyperplasia, Follicular Cell
Unspecified		Fibrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Testis  
Unspecified

Serosa, Ileum  
  
Tubule  
Multiple Organs Nos

Inflammation, Chronic  
Hemosiderosis  
Hepatocellular Carcinoma  
Degeneration, Nos  
Hepatocellular Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Bone  
Kidney  
Preputial gland

Tarsal Joint

Ankylosis  
Inflammation, Chronic Focal  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Clear-Cell Change
Salivary gland		Inflammation, Chronic Focal
Stomach	Forestomach	Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Posterior Lobe	Glioma, Nos
Salivary gland		Inflammation, Chronic Focal
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_020

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Glomerulosclerosis, Nos
		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hepatocellular Carcinoma, Metastatic
		Pneumonia, Interstitial Chronic
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
	Alveoli	Histiocytosis
Stomach	Forestomach	Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver	Bile Duct	Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic Focal
Testis	Tubule	Calcification, Focal
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Testis	Tubule	Degeneration, Nos
Unspecified		Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thyroid		Cystic Follicles
Urinary bladder		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Cyst, Nos
		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Eosinophilic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Inflammation, Chronic Focal
Thyroid		Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocellular Adenoma
Preputial gland	Cystic Ducts

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone  
Kidney  
Salivary gland  
Stomach

Tarsal Joint  
  
Forestomach

Ankylosis  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Squamous Cell Papilloma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Brain	Ventricle	Inflammation, Suppurative
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Stomach	Forestomach	Acanthosis
	Forestomach	Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas		Necrosis, Focal
Unspecified		Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Preputial gland		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Preputial gland

Mesenteric Lymph Node

Hyperplasia, Lymphoid  
Dilatation, Ducts  
Inflammation, Suppurative  
Inflammation, Chronic Focal  
Necrosis, Focal

Salivary gland  
Skin

Epidermis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone  
Lung  
Lymph node  
Salivary gland

Tarsal Joint  
  
Mesenteric Lymph Node

Ankylosis  
Alveolar/Bronchiolar Adenoma  
Congestion, Nos  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Harderian gland	Hardarian Gland	Adenocarcinoma, Nos
Liver		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Nasal cavity		Inflammation, Chronic Focal
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Amyloidosis
		Hemangiosarcoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Salivary gland  
Unspecified

Perirenal Tissue  
Multiple Organs Nos

Perivasculitis  
Inflammation, Chronic Focal  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Lung  
Salivary gland

Inflammation, Chronic Focal  
Alveolar/Bronchiolar Adenoma  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone  
Intestine Small  
Kidney  
Lymph node

Tarsal Joint  
Mesentery Nos  
Mesenteric Lymph Node

Ankylosis  
Necrosis, Fat  
Inflammation, Chronic Focal  
Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hemangiosarcoma

Salivary gland

Hepatocellular Carcinoma

Spleen

Inflammation, Chronic Focal

Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_043

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Lung	Alveoli	Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Histiocytosis
Pituitary gland	Mesenteric Lymph Node	Congestion, Nos
Salivary gland	Anterior Pituitary	Hyperplasia, Lymphoid
Spleen		Cyst, Multiple
Unspecified		Inflammation, Chronic Focal
		Angiectasis
		Hemangioma

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Stomach

Peyers Patch  
  
  
  
Forestomach  
Forestomach

Hyperplasia, Lymphoid  
Glomerulonephritis, Chronic  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic  
Acanthosis  
Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Kidney		Glomerulosclerosis, Nos
Liver		Hepatocellular Carcinoma
Salivary gland		Inflammation, Chronic Focal
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Chronic Focal
Thyroid	Follicle	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone  
Kidney  
Salivary gland

Tarsal Joint

Ankylosis  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
	Alveoli	Histiocytosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney		Inflammation, Suppurative
Prostate		Inflammation, Chronic
Stomach	Forestomach	Ulcer, Nos
Urinary bladder		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_001

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Carcinoma
Salivary gland		Inflammation, Chronic Focal
Unspecified		Fibrosarcoma
		Sarcoma, Nos
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_002

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Intestine Small

Jejunum  
Jejunum

Hyperplasia, Adenomatous  
Mucocele

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Carcinoma

Lung

Alveolar/Bronchiolar Adenoma

Salivary gland

Inflammation, Chronic Focal

Thyroid

Hyperplasia, Follicular Cell

Unspecified

Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_003

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Salivary gland		Inflammation, Chronic Focal
Skeletal muscle		Granuloma, Foreign Body
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver	Centrilobular	Hepatocytomegaly
Lung		Alveolar/Bronchiolar Adenoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_005

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver	Centrilobular	Necrosis, Nos
Lung		Fibrosis, Diffuse
	Pleura Nos	Inflammation, Chronic Focal
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 4\_006

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver	Lymphoma, Nos-Malignant
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_007

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Spleen		Lymphoma, Nos-Malignant
Stomach	Omentum Nos	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 4\_008

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Fibrosarcoma

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 4\_009

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Prostate  
Seminal vesicle

Pelvis

Inflammation, Acute Necrotizing  
Inflammation, Acute  
Infection, Bacterial  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 4\_010

**TRT#:** 4  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney  
Salivary gland

Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_012

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocytomegaly
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Urinary bladder		Inflammation, Chronic Diffuse

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Medulla

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hemangiosarcoma

Stomach

Omentum Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

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**ANIMAL ID:** 4\_014

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Centrilobular	Necrosis, Nos
Lung		Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney

Skin

Unspecified

Inflammation, Chronic Focal

Ulcer, Nos

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Harderian gland  
Liver  
Preputial gland  
Unspecified

Hardarian Gland  
  
Multiple Organs Nos

Adenoma, Nos  
Metamorphosis, Fatty  
Inflammation, Chronic  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_017

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Inflammation, Chronic Focal
Liver		Cytoplasmic Change, Eosinophilic
Salivary gland		Inflammation, Chronic Focal
Skin	Dermis	Inflammation, Chronic
	Epidermis	Inflammation, Chronic
	Epidermis	Ulcer, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_018

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
	Perirenal Tissue	Necrosis, Fat
Liver		Hepatocytomegaly
Salivary gland		Inflammation, Chronic Focal
Skin	Dermis	Inflammation, Chronic
	Epidermis	Inflammation, Nos
	Epidermis	Ulcer, Nos
Testis	Tubule	Calcification, Nos
	Tubule	Degeneration, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_019

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Salivary gland  
Urinary bladder

Medulla  
  
Submucosa

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_020

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Liver  
Preputial gland  
Salivary gland  
Skin  
  
Stomach  
Testis  
Unspecified

Dermis  
Epidermis  
Epidermis  
Omentum Nos  
Tubule

Metamorphosis, Fatty  
Inflammation, Chronic  
Inflammation, Chronic Focal  
Inflammation, Chronic  
Inflammation, Nos  
Ulcer, Nos  
Necrosis, Fat  
Degeneration, Nos  
Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney  
Lymph node  
Salivary gland

Mesenteric Lymph Node

Inflammation, Chronic Focal  
Congestion, Nos  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:41

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

**Lab:** NA

---

**ANIMAL ID:** 4\_022

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Epidermis

Ulcer, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_023

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Alveolar Epithelium
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_024

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Harderian gland  
Kidney  
Salivary gland  
Unspecified

Hardarian Gland

Adenoma, Nos  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:41  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_025

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Lymph node  
Skin  
Thyroid  
Unspecified

Inguinal Lymph Node  
Dermis

Hyperplasia, Plasma Cell  
Calcification, Focal  
Hyperplasia, Follicular Cell  
Calcification, Nos  
Fibrosarcoma  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 4\_026

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Kidney  
Liver  
Salivary gland  
Skin  
Spleen  
Unspecified

Hematopoiesis  
Inflammation, Chronic Focal  
Hematopoiesis  
Inflammation, Chronic Focal  
Acanthosis  
Hematopoiesis  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_027

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
	Pelvis	Inflammation, Suppurative
Prostate		Inflammation, Acute
Stomach	Mucosa	Calcification, Focal
Urinary bladder		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_028

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung  
Lymph node  
Testis

Medulla  
  
Mesenteric Lymph Node  
  
Tubule

Pheochromocytoma  
Inflammation, Chronic Focal  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic  
Congestion, Nos  
Atrophy, Nos  
Calcification, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_029

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Harderian gland  
Kidney  
Lung

Harderian Gland

Adenoma, Nos  
Inflammation, Chronic Focal  
Alveolar/Bronchiolar Carcinoma

Salivary gland  
Unspecified

Alveoli

Histiocytosis  
Inflammation, Chronic Focal  
Lymphoma, Nos-Malignant

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney	
Lymph node	Mesenteric Lymph Node
Unspecified	

Inflammation, Chronic Focal  
Congestion, Nos  
Hyperplasia, Lymphoid  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 4\_031

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Adenoma

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_032

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Thyroid		Hyperplasia, Follicular Cell
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 4\_033

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Centrilobular

Necrosis, Nos

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Salivary gland

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 4\_034

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Urinary bladder

Inflammation, Acute/Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_035

**TRT#:** 4  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Necrosis, Focal
Skin		Acanthosis
	Dermis	Fibrosis
	Epidermis	Inflammation, Nos
Spleen		Hematopoiesis
Unspecified		Fibroma
		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 4\_036

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Pancreas

Acinus

Atrophy, Nos

Preputial gland

Inflammation, Chronic

Dilatation, Ducts

Unspecified

Inflammation, Chronic

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 4\_037

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Hepatocellular Adenoma

Salivary gland

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_038

**TRT#:** 4  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Harderian gland  
Kidney  
Salivary gland

Hardarian Gland

Adenoma, Nos  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_039

**TRT#:** 4  
**DOSE:** 0

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

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

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
	Perirenal Tissue	Necrosis, Fat
Liver		Cytoplasmic Change, Eosinophilic
		Hepatocytomegaly
		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Preputial gland		Inflammation, Chronic
Thyroid		Hyperplasia, Follicular Cell
Unspecified		Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_041

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Axillary Lymph Node	Hyperplasia, Lymphoid
Unspecified		Neurofibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_042

**TRT#:** 4  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
Unspecified	Foot Nos	Ankylosis
		Fibrosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_043

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Spleen  
Unspecified

Hematopoiesis  
Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Terminal Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Salivary gland

Inflammation, Chronic Focal

Hepatocellular Carcinoma

Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 4\_045

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Spleen		Hematopoiesis
Testis		Calcification, Focal
Unspecified		Fibrosarcoma
Urinary bladder	Submucosa	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_046

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Harderian gland  
Salivary gland  
Skin  
Unspecified  
Urinary bladder

Hardarian Gland  
Dermis  
Multiple Organs Nos  
Submucosa

Adenoma, Nos  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Lymphoma, Nos-Malignant  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_047

**TRT#:** 4  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

**OBSERVATIONS**

Adrenal gland  
Lung

Cortex Nos

Hyperplasia, Nodular  
Alveolar/Bronchiolar Carcinoma

Salivary gland  
Urinary bladder

Alveoli

Histiocytosis  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 4\_048

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Calcification, Nos

Papilla

Necrosis, Nos

Tubule

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lymph node  
Salivary gland  
Spleen  
Urinary bladder

Mesentery Nos  
  
Mesenteric Lymph Node  
  
Submucosa

Hemorrhage  
Inflammation, Chronic Focal  
Hepatocellular Carcinoma  
Congestion, Nos  
Inflammation, Chronic Focal  
Hyperplasia, Lymphoid  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 4\_050

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic Focal

Liver

Centrilobular

Metamorphosis, Fatty

Unspecified

Fibrosarcoma

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_001

**TRT#:** 5  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
	Alveoli	Histiocytosis
		Perivascularitis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_002

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma Necrosis, Nos
Stomach	Forestomach Forestomach Forestomach	Acanthosis Hyperkeratosis Necrosis, Focal Follicular-Cell Adenoma
Thyroid		

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_003

**TRT#:** 5

**DOSE:** 0

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver	Fibrosarcoma, Metastatic
Unspecified	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_004

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_005

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Degeneration, Nos

Pancreas

Inflammation, Acute Focal

Spleen

Angiectasis

Unspecified

Fibrosarcoma

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_006

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Salivary gland		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_007

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone  
Salivary gland  
Spleen  
Unspecified

Tarsal Joint

Ankylosis  
Inflammation, Chronic Focal  
Hematopoiesis  
Fibrosarcoma  
Lymphoma, Histiocytic-Malignant Type

Multiple Organs Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_008

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_009

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Liver		Hemangiosarcoma
Lung	Alveoli	Histiocytosis
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Pituitary gland	Intermedia	Adenoma, Nos
Unspecified		Fibroma
	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_010

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Salivary gland		Inflammation, Chronic Focal
Stomach	Forestomach	Acanthosis
	Forestomach	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_011

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
		Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_012

**TRT#:** 5  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Testis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_013

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney  
Salivary gland

Inflammation, Chronic Focal  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_014

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone  
Kidney  
Lymph node  
Salivary gland

Tarsal Joint  
  
Mesenteric Lymph Node

Ankylosis  
Inflammation, Chronic Focal  
Congestion, Nos  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_015

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone  
Kidney  
Lymph node  
Salivary gland

Tarsal Joint  
  
Mesenteric Lymph Node

Ankylosis  
Inflammation, Chronic Focal  
Congestion, Nos  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_016

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_017

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone  
Kidney

Tarsal Joint

Ankylosis  
Glomerulosclerosis, Nos  
Inflammation, Chronic Focal

Lymph node  
Skin

Mesenteric Lymph Node

Congestion, Nos  
Keratoacanthoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_018

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Prostate  
Salivary gland

Medulla

Pheochromocytoma  
Inflammation, Chronic Focal  
Metamorphosis, Fatty  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_019

**TRT#:** 5  
**DOSE:** 0

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

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

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
		Metamorphosis, Fatty
Preputial gland		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic Focal
Stomach	Forestomach	Acanthosis
	Forestomach	Ulcer, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_020

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Preputial gland		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_021

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Alveolar/Bronchiolar Adenoma
Salivary gland	Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

---

**ANIMAL ID:** 5\_022

**TRT#:** 5

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Hyperplasia, Tubular Cell

Inflammation, Chronic Focal

Liver

Necrosis, Focal

Lung

Alveolar/Bronchiolar Adenoma

Salivary gland

Inflammation, Chronic Focal

Spleen

Hematopoiesis

Unspecified

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 5\_023

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_024

**TRT#:** 5  
**DOSE:** 0

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

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

**OBSERVATIONS**

Bone  
Kidney

Tarsal Joint

Ankylosis  
Glomerulosclerosis, Nos  
Inflammation, Chronic Focal  
Congestion, Nos  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Fibroma  
Hyperplasia, Lymphoid  
Hyperplasia, Plasma Cell

Lymph node  
Pancreas  
Salivary gland  
Unspecified

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_025

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone  
Kidney  
Lymph node  
Salivary gland

Tarsal Joint

Ankylosis  
Inflammation, Chronic Focal  
Hyperplasia, Plasma Cell  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 5\_026

**TRT#:** 5

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_027

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Carcinoma
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_028

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Kidney  
Preputial gland  
Spleen  
Unspecified

Inflammation, Chronic Focal  
Inflammation, Chronic  
Hematopoiesis  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_029

**TRT#:** 5  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 5\_030

**TRT#:** 5

**DOSE:** 0

**SEX:** Male

**DISP:** Moribund Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Salivary gland  
Spleen  
Unspecified

Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Hematopoiesis  
Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_031

**TRT#:** 5  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Liver		Hemangiosarcoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_032

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Kidney	Inflammation, Chronic Focal
Liver	Hematopoiesis
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_033

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
		Tubular-Cell Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_034

**TRT#:** 5  
**DOSE:** 0

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Tarsal Joint	Ankylosis
Liver		Metamorphosis, Fatty
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic Focal
Skin		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_035

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney	Inflammation, Chronic Focal
Liver	Hepatocellular Carcinoma
Salivary gland	Inflammation, Chronic Focal
Spleen	Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_036

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_037

**TRT#:** 5  
**DOSE:** 0

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

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

**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Renal Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_038

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Salivary gland		Inflammation, Chronic Focal
Stomach	Forestomach	Squamous Cell Carcinoma, In Situ

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_039

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone  
Kidney  
Preputial gland  
Salivary gland

Tarsal Joint

Ankylosis  
Inflammation, Chronic Focal  
Inflammation, Chronic  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** n-Butyl chloride

**CAS Number:** 109-69-3

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

**Time Report Requested:** 11:46:42

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

**Lab:** NA

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**ANIMAL ID:** 5\_040

**TRT#:** 5

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Pancreas	Periarteritis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_041

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Inflammation, Chronic
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_042

**TRT#:** 5  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Salivary gland		Inflammation, Chronic Focal
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_043

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_044

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone  
Kidney  
Liver  
Lung  
Salivary gland

Medulla  
Tarsal Joint

Pheochromocytoma  
Ankylosis  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal  
Alveolar/Bronchiolar Carcinoma  
Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_045

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_046

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Kidney

Tubule

Cyst, Nos  
Inflammation, Chronic Focal  
Inflammation, Chronic Focal

Salivary gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_047

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Inguinal Lymph Node	Hyperplasia, Plasma Cell

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_048

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Glomerulosclerosis, Nos
		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Adenoma
Salivary gland		Inflammation, Chronic Focal
Testis	Tubule	Calcification, Focal

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 5\_049

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Heart		Hemangiosarcoma
Kidney		Hemangiosarcoma
Liver	Bile Duct	Cyst, Nos
Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C06155A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** n-Butyl chloride  
**CAS Number:** 109-69-3

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:46:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_050

**TRT#:** 5  
**DOSE:** 0

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

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

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**OBSERVATIONS**

Bone	Tarsal Joint	Ankylosis
Kidney		Inflammation, Chronic Focal
Liver		Hemangiosarcoma
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Salivary gland		Inflammation, Chronic Focal
Testis	Tubule	Calcification, Focal

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**PRIMARY CAUSE OF DEATH**

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