

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

C Number: C06155A

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Female

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Intestine Large

Kidney

Liver

Lung

Spleen

Unspecified

Uterus

Colon

Alveoli

Multiple Organs Nos

Hemorrhage

Parasitism

Calcification, Focal

Necrosis, Focal

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Hernia, Nos
		Inflammation, Chronic Focal
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
		Pyelonephritis, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Ovary		Cyst, Nos
Pituitary gland		Cyst, Multiple
Stomach	Forestomach	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Duodenum	Adenocarcinoma, Nos
Kidney		Calcification, Focal
		Nephropathy
Liver		Adenocarcinoma, Nos, Metastatic
		Necrosis, Focal
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, 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: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Brain

Meninges

Hemorrhage

Eye

Crystalline Lens

Cataract

Mammary gland

Hemorrhage

Pancreas

Fibroadenoma

Pituitary gland

Dilatation, Ducts

Uterus

Anterior Pituitary

Adenoma, Nos

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Lung	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Intestine Large	Colon	Parasitism
Lung	Alveoli	Hemorrhage
Ovary		Cyst, Nos
Spleen		Depletion, Lymphoid
		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos
	Mediastinum Nos	Granuloma, Foreign Body
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hemorrhage

Kidney

Congestion, Nos

Liver

Focal Cellular Change

Lung

Alveoli

Hemorrhage

Pituitary gland

Anterior Pituitary

Cyst, Multiple

Spleen

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Lung

Spleen

Alveoli

Unspecified

Multiple Organs Nos

Hemorrhage

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Auricular Appendage Nos

Dilatation, Nos

Kidney

Calcification, Focal

Spleen

Depletion, Lymphoid

Unspecified

Multiple Organs Nos

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Glioma, Nos

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Perivasculitis

Salivary gland

Cyst, Nos

Spleen

Hemorrhage

Thyroid

Depletion, Lymphoid

Unspecified

Multiple Organs Nos

Hemorrhage

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Pituitary gland	Intermedia	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Focal
Unspecified		Fibrosarcoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Liver		Cytoplasmic Change, Basophilic
Lung	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Hemorrhage

Kidney

Nephropathy

Liver

Hemorrhage

Lung

Alveoli

Hemorrhage

Spleen

Hemosiderosis

Unspecified

Multiple Organs Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Heart

Lung

Spleen

Unspecified

Myocardium Nos

Alveoli

Multiple Organs Nos

Hemorrhage

Degeneration, Nos

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Kidney

Lung

Spleen

Alveoli

Hemorrhage

Congestion, Nos

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic Necrosis, Focal
Lung	Alveoli	Hemorrhage
Pituitary gland	Anterior Pituitary	Cyst, Hemorrhagic
Spleen		Depletion, Lymphoid Hemosiderosis
Stomach	Omentum Nos	Necrosis, Fat
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Heart

Kidney

Liver

Lung

Pituitary gland

Spleen

Unspecified

Myocardium Nos

Alveoli

Anterior Pituitary

Multiple Organs Nos

Hemorrhage

Degeneration, Nos

Nephropathy

Perivasculitis

Hemorrhage

Adenoma, Nos

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
	Pleura Nos	Hemorrhage
Ovary		Cyst, Multiple
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Omentum Nos	Necrosis, Fat
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos Inflammation, Chronic Focal
Kidney		Calcification, Focal Inflammation, Chronic Focal
Lung	Alveoli	Hemorrhage
Spleen		Depletion, Lymphoid Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Medulla Oblongata Nos

Hemorrhage

Kidney

Calcification, Focal

Mammary gland

Lactation

Spinal cord

Degeneration, Nos

Spleen

Hemorrhage

Stomach

Omentum Nos

Necrosis, Fat

Unspecified

Mediastinum Nos

Hemorrhage

Multiple Organs Nos

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Necrosis, Focal
Lung	Alveoli	Hemorrhage
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
	Mandibular Lymph Node	Lymphangiectasis
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Depletion, Lymphoid
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Spleen		Depletion, Lymphoid
		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Heart

Lung

Ovary

Spleen

Unspecified

Myocardium Nos

Alveoli

Multiple Organs Nos

Hemorrhage

Degeneration, Nos

Hemorrhage

Cyst, Nos

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Liver

Lung

Spleen

Alveoli

Unspecified

Multiple Organs Nos

Hemorrhage

Necrosis, Focal

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Inflammation, Chronic Focal
Lung		Aspiration, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Cortical Adenoma

Heart

Myocardium Nos

Hyperplasia, Nos

Kidney

Degeneration, Nos

Liver

Nephropathy

Pituitary gland

Bile Duct

Hernia, Nos

Thyroid

Anterior Pituitary

Hyperplasia, Nos

Uterus

Cyst, Nos

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Eye

Crystalline Lens

Cataract

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Calcification, Focal

Nephropathy

Mammary gland

Fibroadenoma

Galactocele

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Pituitary gland

Spinal cord

Unspecified

Uterus

Multiple Organs Nos

Fibroadenoma

Cyst, Nos

Hemorrhage

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney		Calcification, Focal
Liver		Fibrosis, Cholangio
Lung		Infarct, Nos
Spleen		Depletion, Lymphoid
		Hemosiderosis
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Congestion, Nos
	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Nos
Intestine Large	Colon	Parasitism
Kidney		Calcification, Focal
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung	Alveoli	Hemorrhage
Spleen		Depletion, Lymphoid
		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Brain

Cerebellum Nos

Granular-Cell Tumor, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Mammary gland		Fibroadenoma
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Urinary bladder		Hyperplasia, Epithelial
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal Nephropathy
Liver		Perivascularitis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Omentum Nos	Necrosis, Fat
Thyroid		C-Cell Adenoma
Urinary bladder		Transitional-Cell Papilloma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone marrow

Heart

Kidney

Myocardium Nos

Necrosis, Focal

Hyperplasia, Nos

Degeneration, Nos

Calcification, Focal

Nephropathy

Nephrosis, Cholemic

Metamorphosis, Fatty

Liver

Pancreas

Pituitary gland

Skeletal muscle

Stomach

Forestomach

Omentum Nos

Atrophy, Focal

Angiectasis

Angiolipoma

Hyperkeratosis

Necrosis, Fat

Ulcer, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Duodenum	Ulcer, Nos
Kidney		Nephropathy
		Nephrosis, Cholemic
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Fibrosis, Focal
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Basal Cell
	Omentum Nos	Necrosis, Fat
		Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Lung	Alveoli	Hemorrhage
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Omentum Nos	Foreign Body, Reaction
	Omentum Nos	Necrosis, Fat
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Lung	Alveoli	Hemorrhage
	Pleural Cavity Nos	Hemorrhage
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Ovary		Cyst, Nos
Spleen		Depletion, Lymphoid
		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
	Tubule	Necrosis, Nos
Liver		Metamorphosis, Fatty
Stomach	Omentum Nos	Necrosis, Fat
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Heart

Kidney

Liver

Lung

Spleen

Unspecified

Alveoli

Multiple Organs Nos

Hemorrhage

Hemorrhage

Calcification, Focal

Nephropathy

Hernia, Nos

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Intestine Large

Kidney

Liver

Lung

Spleen

Unspecified

Uterus

Colon

Alveoli

Multiple Organs Nos

Hemorrhage

Parasitism

Calcification, Focal

Perivasculitis

Hemorrhage

Depletion, Lymphoid

Hemosiderosis

Congestion, Nos

Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Intestine Large

Lung

Spleen

Unspecified

Colon

Alveoli

Multiple Organs Nos

Hemorrhage

Parasitism

Aspiration, Nos

Hemorrhage

Hemosiderosis

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Calcification, Focal

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Spleen		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Hemorrhage

Lung

Alveoli

Hemorrhage

Pituitary gland

Anterior Pituitary

Hemorrhage

Spleen

Hemosiderosis

Unspecified

Multiple Organs Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 120.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Heart		Inflammation, Chronic Focal
Liver		Perivasculitis
Spleen		Depletion, Lymphoid
		Hemosiderosis
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cytoplasmic Vacuolization
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Dilatation, Nos

Granuloma, Foreign Body

Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Bone

Heart

Liver

Mammary gland

Spleen

Stomach

Skull

Myocardium Nos

Forestomach

Forestomach

Cortical Adenoma

Osteosclerosis

Degeneration, Nos

Cytoplasmic Change, Basophilic

Neoplastic Nodule

Fibroadenoma

Lactation

Hematopoiesis

Hyperkeratosis

Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Intermedia	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 060.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Metamorphosis, Fatty
Pancreas		Fibrosis, Focal
	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Heart
Kidney
Mammary gland
Ovary
Spleen

Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Nephropathy
Fibroadenoma
Cyst, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Intermedia	Adenoma, Nos
Spleen		Accessory Structure

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
		Metamorphosis, Fatty
Mammary gland		Adenocarcinoma, Nos
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Acanthosis
	Submucosa	Granulation Tissue
	Forestomach	Hyperkeratosis
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Perivasculitis

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Omentum Nos

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Degeneration, Lipoid
Calcification, Focal
Nephropathy

Liver

Bile Duct

Hyperplasia, Nos
Neoplastic Nodule

Mammary gland

Fibroadenoma
Galactocele
Lactation

Pancreas

Inflammation, Chronic Focal

Stomach

Omentum Nos

Necrosis, Fat

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Meninges	Carcinoma, Nos, Invasive
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Metamorphosis, Fatty
Mammary gland		Adenocarcinoma, Nos
		Galactocele
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Spleen		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Anterior Pituitary	Cyst, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Cyst, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Stomach	Submucosa	Inflammation, Chronic Focal
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Kidney

Calcification, Focal

Lung

Perivasculitis

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Harderian gland

Hardarian Gland

Adenoma, Nos

Kidney

Calcification, Focal

Liver

Cytoplasmic Change, Basophilic

Hernia, Nos

Mammary gland

Adenocarcinoma, Nos

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 060.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pancreas		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder	Submucosa	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Calcification, Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Necrosis, Focal
Mammary gland		Lactation
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
		Necrosis, Focal
Mammary gland		Lactation
Ovary		Cyst, Nos
Thyroid		C-Cell Adenoma
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 060.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Galactocele
		Lactation
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Uterus		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Pituitary gland

Thyroid

Uterus

Anterior Pituitary

Calcification, Focal

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Adenoma, Nos

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver
Mammary gland
Pancreas
Pituitary gland
Thyroid
Unspecified

Medulla
Myocardium Nos
Colon

Intermedia

Multiple Organs Nos

Pheochromocytoma
Degeneration, Nos
Parasitism
Nephropathy
Cytoplasmic Change, Basophilic
Fibroadenoma
Atrophy, Focal
Adenoma, Nos
Hyperplasia, C Cell
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Adenoma, Nos

Heart

Myocardium Nos

Dilatation, Nos

Kidney

Degeneration, Nos

Liver

Nephropathy

Lymph node

Mesenteric Lymph Node

Cytoplasmic Change, Basophilic

Mammary gland

Hyperplasia, Nos

Pancreas

Lactation

Thyroid

Atrophy, Focal

Uterus

Endometrium

C-Cell Carcinoma

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Carcinoma, Nos, Invasive

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Galactocele

Lactation

Ovary

Cyst, Nos

Pituitary gland

Anterior Pituitary

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Fibrosis
Harderian gland	Harderian Gland	Hypertrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Omentum Nos	Necrosis, Fat
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Nos
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change Perivascularitis
Mammary gland		Galactocele
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Calcification, Focal

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Intermedia

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 060.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Lip Nos	Basal-Cell Carcinoma
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos
Myocardium Nos

Degeneration, Lipoid
Degeneration, Nos
Calcification, Focal
Nephropathy

Liver

Bile Duct

Hyperplasia, Nos
Neoplastic Nodule

Mammary gland

Fibroadenoma
Galactocele

Pituitary gland
Uterus

Anterior Pituitary

Lactation
Adenoma, Nos
Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 060.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Eye	Crystalline Lens	Cataract
	Iris	Inflammation, Nos
Harderian gland	Harderian Gland	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Urinary bladder	Submucosa	Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Heart

Kidney

Liver

Spleen

Uterus

Myocardium Nos

Centrilobular

Hyperplasia, Nos

Degeneration, Nos

Calcification, Focal

Necrosis, Nos

Hematopoiesis

Dilatation, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Liver		Angiectasis
		Cytoplasmic Change, Basophilic
		Hernia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Hemorrhagic
Spleen		Depletion, Lymphoid
		Hemosiderosis
Stomach	Omentum Nos	Necrosis, Fat
Unspecified	Multiple Organs Nos	Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Islets	Metaplasia, Nos
Pituitary gland		Cyst, Nos
Stomach	Omentum Nos	Necrosis, Fat
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Submucosa	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Clitoral gland

Heart

Kidney

Liver

Mammary gland

Myocardium Nos

Cortical Adenoma

Dilatation, Nos

Degeneration, Nos

Calcification, Focal

Cytoplasmic Change, Basophilic

Fibroadenoma

Galactocele

Lactation

Pancreas

Atrophy, Focal

Acinus

Focal Cellular Change

Acinus

Hyperplasia, Focal

Islets

Islet-Cell Adenoma

Stomach

Forestomach

Hyperplasia, Basal Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Hyperplasia, Nos
Degeneration, Nos
Calcification, Focal
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Focal
Adenoma, Nos
Cyst, Ultimobranchial
Hyperplasia, C Cell

Liver
Pancreas
Pituitary gland
Thyroid

Acinus
Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Bone marrow

Hyperplasia, Nos

Kidney

Nephropathy

Lymph node

Mediastinal Lymph Node

Hemosiderosis

Mediastinal Lymph Node

Lymphangiectasis

Spleen

Hematopoiesis

Stomach

Omentum Nos

Necrosis, Fat

Uterus

Forestomach

Squamous Cell Papilloma

Dilatation, Nos

Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, 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: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Ovary

Cyst, Nos

Pancreas

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Skull	Osteosclerosis
Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Lactation
Salivary gland		Dilatation, Ducts
Stomach	Submucosa	Granulation Tissue
		Hyperkeratosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Nos
Liver		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Adenocarcinoma, Nos, Metastatic
Uterus		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Calcification, Focal

Liver

Cytoplasmic Change, Basophilic

Focal Cellular Change

Mammary gland

Fibroadenoma

Galactocele

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 060.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Focal Cellular Change

Kidney

Medulla

Pheochromocytoma

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Pituitary gland

Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Intermedia

Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Heart

Kidney

Liver

Pituitary gland

Uterus

Myocardium Nos

Bile Duct

Anterior Pituitary

Carcinoma, Nos

Degeneration, Nos

Calcification, Focal

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Adenoma, Nos

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
Urinary bladder	Submucosa	Inflammation, Chronic Focal
Uterus	Cervix Uteri	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Congestion, Nos
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Omentum Nos	Necrosis, Fat
Uterus		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Brain

Kidney

Liver

Mammary gland

Pituitary gland

Stomach

Uterus

Anterior Pituitary

Forestomach

Fibrosis, Focal

Hemorrhage

Hydrocephalus, Nos

Calcification, Focal

Nephropathy

Cytoplasmic Change, Basophilic

Hernia, Nos

Inflammation, Granulomatous Focal

Metamorphosis, Fatty

Lactation

Adenoma, Nos

Squamous Cell Papilloma

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Hydrocephalus, Nos
Clitoral gland		Carcinoma, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:48
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Calcification, Focal Nephropathy
Liver		Cytoplasmic Change, Basophilic Metamorphosis, Fatty
Lymph node	Mediastinal Lymph Node	Congestion, Nos
Mammary gland		Fibroadenoma Galactocele
Salivary gland		Fibrosis, Focal Inflammation, Chronic
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart
Intestine Large
Kidney
Mammary gland

Myocardium Nos
Colon

Degeneration, Nos
Parasitism
Calcification, Focal
Fibroadenoma
Lactation
Adenoma, Nos
Fibrosis, Focal
Inflammation, Acute

Pituitary gland
Salivary gland

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive Hydrocephalus, Nos
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Mammary gland		Lactation
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Spleen		Hemosiderosis
Stomach	Omentum Nos	Necrosis, Fat
	Forestomach	Squamous Cell Papilloma
	Forestomach	Ulcer, Perforated
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone marrow		Hyperplasia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
		Nephropathy
Lymph node	Mediastinal Lymph Node	Congestion, Nos
Mammary gland		Fibroadenoma
		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Uterus		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye

Crystalline Lens

Cataract

Liver

Cytoplasmic Change, Basophilic

Fibrosis, Cholangio

Inflammation, Focal

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland
Eye
Heart
Intestine Large
Liver

Medulla

Anterior Chamber
Myocardium Nos
Colon

Hyperplasia, Nos
Adenoma, Nos
Hemorrhage
Degeneration, Nos
Parasitism
Cytoplasmic Change, Basophilic
Perivasculitis
Lactation
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Calcification, Focal

Liver

Nephropathy

Pituitary gland

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Cyst, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:48

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Liver

Myocardium Nos

Hyperplasia, Nos

Degeneration, Nos

Cytoplasmic Change, Basophilic

Hematopoiesis

Metamorphosis, Fatty

Mammary gland

Pituitary gland

Spleen

Urinary bladder

Anterior Pituitary

Adenocarcinoma, Nos

Adenoma, Nos

Hematopoiesis

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
Liver		Cytoplasmic Change, Basophilic Inflammation, Focal
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Cyst, Multiple

Thymus

Cyst, Multiple

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Multiple Organs Nos

Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Liver

Pancreas

Pituitary gland

Thyroid

Unspecified

Uterus

Bile Duct

Anterior Pituitary

Multiple Organs Nos

Hyperplasia, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Atrophy, Focal

Adenoma, Nos

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Calcification, Focal

Liver

Cytoplasmic Change, Nos

Inflammation, Focal

Mammary gland

Galactocele

Pituitary gland

Cyst, Hemorrhagic

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pancreas

Fibrosis, Cholangio

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Kidney

Hyperplasia, Nos
Calcification, Focal
Nephrosis, Cholemic

Pituitary gland
Thyroid
Unspecified

Anterior Pituitary
Multiple Organs Nos

Adenoma, Nos
C-Cell Adenoma
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Heart
Intestine Large
Liver

Lymph node
Mammary gland
Uterus

Cortex Nos

Myocardium Nos
Colon

Bile Duct
Mesenteric Lymph Node

Cytoplasmic Vacuolization
Hyperplasia, Nos
Degeneration, Nos
Parasitism
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Congestion, Nos
Fibroadenoma
Leiomyosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic Necrosis, Focal
Lung		Congestion, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Calcification, Focal

Liver

Inflammation, Chronic Focal

Mammary gland

Cytoplasmic Change, Basophilic

Fibroadenoma

Pituitary gland

Anterior Pituitary

Lactation

Thyroid

Cyst, Multiple

Urinary bladder

Submucosa

Hyperplasia, C Cell

Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Hemorrhagic
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Inflammation, Focal

Mammary gland

Fibroadenoma

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Cyst, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
		Galactocele
Stomach	Submucosa	Inflammation, Chronic
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Hyperplasia, Nos
Kidney		Calcification, Focal
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Pancreas		Fibrosis
Spleen		Infarct, Nos
Stomach	Forestomach	Acanthosis
	Forestomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Galactoceles

Unspecified

Multiple Organs Nos

Carcinoma, Nos
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Metamorphosis, Fatty

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Hyperkeratosis

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Inflammation, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Fibrosis, Cholangio
		Inflammation, Focal
		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Hemorrhage
Mammary gland		Galactocele
Pancreas		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Cyst, Epidermal Inclusion
Spleen		Depletion, Lymphoid
		Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Pituitary gland

Anterior Pituitary

Cyst, Hemorrhagic

Spleen

Hematopoiesis

Unspecified

Abdominal Cavity

Liposarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Thyroid		C-Cell Adenoma
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Nos Necrosis, Nos
Bone		Hyperplasia, Nos
Bone marrow		Degeneration, Nos
Heart	Myocardium Nos	Nephrosis, Cholemic
Kidney		Hyperplasia, Nos
Liver	Bile Duct	Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Forestomach	Ulcer, Perforated
Unspecified	Foot Nos	Crystals, Nos
	Foot	Granulation Tissue
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node	Mediastinal Lymph Node	Congestion, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperkeratosis
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Adenocarcinoma, Nos, Metastatic
Uterus		Adenocarcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lymph node

Inguinal Lymph Node

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Spleen

Hematopoiesis

Stomach

Inflammation, Chronic Focal

Zymbal gland

Ceruminous Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Metamorphosis, Fatty

Mammary gland

Lactation

Stomach

Forestomach

Hyperplasia, Basal Cell

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hypertrophy, Nos
Ovary		Cyst, Nos
Pancreas		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Ileum, Ileum	Parasitism
	Mesentery Nos	Sarcoma, Nos
Kidney		Calcification, Focal
Liver		Metamorphosis, Fatty
		Necrosis, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Thymus		Congestion, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Pancreas		Atrophy, Focal
Stomach	Forestomach	Ulcer, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Galactocele
Pancreas		Acinar-Cell Adenoma
	Islets	Atrophy, Focal
	Intermedia	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

DOSE: 0

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Lactation
Pancreas	Acinus	Hyperplasia, Focal
Thyroid		C-Cell Carcinoma
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Calcification, Focal

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Neoplastic Nodule

Pancreas

Fibroadenoma

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Cyst, Hemorrhagic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Thyroid		Follicular-Cell Carcinoma
		Hemorrhage
Unspecified	Mediastinum Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: n-Butyl chloride

CAS Number: 109-69-3

Date Report Requested: 10/26/2014

Time Report Requested: 15:02:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C06155A
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

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

Date Report Requested: 10/26/2014
Time Report Requested: 15:02:49
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Lactation
Pancreas		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Infarct, Healed
Stomach	Forestomach	Hyperkeratosis
	Omentum Nos	Necrosis, Fat
	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****