

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

C Number:	C92007
Lock Date:	02/04/1999
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 960

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802031

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 965

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802032

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 966	TRT#: 1 DOSE: 0PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 95 HISTO: 9802001
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone Marrow	* Brain	* Heart	* Larynx
* Lung	* Nose	* Spleen	* Testes
* Urinary Bladder			

OBSERVATIONS			
* Epididymis	Perivascular	Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 970

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802021

OBSERVATIONS

* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Nose	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Minimal

Note: Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 972

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Kidney
* Spleen

* Brain
* Larynx
* Testes

* Epididymis
* Lung
* Urinary Bladder

* Heart
* Nose

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 973

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802033

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 974

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802034

OBSERVATIONS

* Liver

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 975

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Liver
* Testes

* Brain
* Lung
* Urinary Bladder

* Heart
* Nose

* Larynx
* Spleen

OBSERVATIONS

* Epididymis
* Kidney

Perivascular
Renal Tubule

Infiltration Cellular
Regeneration

Mononuclear CI, Multifocal, Minimal
Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 976	TRT#: 3 DOSE: 10PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 95 HISTO: 9802011
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Heart
* Liver	* Spleen	* Testes	* Urinary Bladder

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Focal, Minimal
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal activity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 977

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Testes

* Brain
* Urinary Bladder

* Epididymis

* Spleen

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Focal, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Mild
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Minimal
	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 978

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802022

OBSERVATIONS

* Liver

Hematopoietic Cell Proliferation

Focal, Minimal

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Vacuolization Cytoplasmic

Minimal

* Nose

Centrilobular

Hyperplasia

Multifocal, Mild

Respirat Epith, Turbinate

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Nasolacrim Dct

Metaplasia

Squamous, Multifocal, Mild

Respirat Epith, Turbinate

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 981

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Heart	* Larynx
* Liver	* Lung	* Nose	* Spleen
* Testes	* Urinary Bladder		

MISSING

* Epididymis

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 982

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802023

OBSERVATIONS

* Liver

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 983

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802035

OBSERVATIONS

* Liver	Centrilobular	Vacuolization Cytoplasmic
* Nose	Respirat Epith, Turbinate	Hyperplasia
	Respirat Epith, Turbinate	Metaplasia

Minimal
Multifocal, Mild
Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 984

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow

* Brain

* Lung

* Spleen

* Testes

* Urinary Bladder

MISSING

* Epididymis

OBSERVATIONS

* Heart

Cardiomyopathy

Focal, Minimal

* Kidney

Renal Tubule

Regeneration

Multifocal, Minimal

* Larynx

Lamina Propria

Infiltration Cellular

Mononuclear Cl, Multifocal, Minimal

* Liver

Infiltration Cellular

Mononuclear Cl, Multifocal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 986

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Larynx
* Urinary Bladder

* Brain
* Lung

* Epididymis
* Spleen

* Heart
* Testes

OBSERVATIONS

* Kidney Renal Tubule
* Liver
* Nose Nasolacrim Dct

Regeneration
Infiltration Cellular
Infiltration Cellular

Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal
Mononuclear CI, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 988

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow

* Brain

* Heart

* Larynx

* Spleen

* Testes

* Urinary Bladder

MISSING

* Epididymis

OBSERVATIONS

* Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Multifocal, Minimal

Renal Tubule

Hyaline Droplet

Multifocal, Minimal

Renal Tubule

Regeneration

Multifocal, Minimal

* Liver

Infiltration Cellular

Mononuclear Cl, Multifocal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Mild

* Lung

Hemorrhage

Acute, Multifocal, Mild

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Lamina Propria

Infiltration Cellular

Mononuclear Cl, Focal, Mild

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 991

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Liver
* Lung	* Spleen	* Testes	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 995

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 9802007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Testes

* Brain
* Urinary Bladder

* Liver

* Spleen

MISSING

* Epididymis

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear Cl, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Focal, Mild
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear Cl, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 997

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802024

OBSERVATIONS

* Liver

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 999

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow

* Brain

* Heart

* Spleen

* Testes

* Urinary Bladder

MISSING

* Epididymis

OBSERVATIONS

* Kidney

Interstitialium

Infiltration Cellular

Mononuclear Cl, Focal, Minimal

Renal Tubule

Regeneration

Multifocal, Minimal

* Larynx

Lamina Propria

Infiltration Cellular

Mononuclear Cl, Multifocal, Minimal

* Liver

Centrilobular

Infiltration Cellular

Mononuclear Cl, Focal, Minimal

* Lung

Vacuolization Cytoplasmic

Minimal

* Nose

Hemorrhage

Acute, Focal, Minimal

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Lamina Propria

Infiltration Cellular

Mononuclear Cl, Focal, Minimal

Nasolacrim Dct

Infiltration Cellular

Mononuclear Cl, Multifocal, Minimal

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1003

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802036

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissue (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1004

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow

* Brain

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Heart

Cardiomyopathy

Multifocal, Minimal

* Kidney

Renal Tubule

Regeneration

Focal, Minimal

* Larynx

Lamina Propria

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Liver

Centrilobular

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Lung

Vacuolization Cytoplasmic

Minimal

* Nose

Respirat Epith, Turbinate

Hemorrhage

Acute, Focal, Minimal

Hyperplasia

Multifocal, Mild

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1009

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Larynx
* Lung	* Spleen	* Testes	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Liver	Centrilobular	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
		Vacuolization Cytoplasmic	Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Acute, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1011

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Spleen

* Brain
* Testes

* Heart
* Urinary Bladder

* Lung

OBSERVATIONS

* Epididymis	Perivascular	Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1015

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 1015

OBSERVATIONS

* Liver

Centrilobular

Vacuolization Cytoplasmic

Mild

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity .

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:54

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1017

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Kidney

* Brain
* Spleen

* Epididymis
* Testes

* Heart
* Urinary Bladder

OBSERVATIONS

* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Hemorrhage	Acute, Multifocal, Mild
* Nose	Respirat Epith, Turbinate	Infiltration Cellular	Histiocyte, Focal, Mild
		Hyperplasia	Multifocal, Mild

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1021

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1023

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Spleen
* Testes	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:54
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1024

TRT#: 5
DOSE: 5PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802026

OBSERVATIONS

* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Nose	Respirat Epith, Septum	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1029

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Testes

* Brain

* Larynx

* Spleen

MISSING

* Epididymis

OBSERVATIONS

* Heart		Cardiomyopathy	Multifocal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Nasolacrim Dct	Infiltration Cellular	Mononuclear Cl, Multifocal, Minimal
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Minimal
	Note: Hyperplasias and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.		
* Urinary Bladder	Lamina Propria	Infiltration Cellular	Mononuclear Cl, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1031

TRT#: 5
DOSE: 5PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802027

OBSERVATIONS

* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Nose	Respirat Epith, Septum	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissue (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1032

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Testes

* Heart
* Urinary Bladder

* Lung

* Spleen

OBSERVATIONS

* Brain	Thalamus	Mineralization	Focal, Moderate
* Epididymis	Perivascular	Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Mild
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1034

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802038

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Nose

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1037

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1041

TRT#: 5
DOSE: 5PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802028

OBSERVATIONS

* Liver	Centrilobular	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Nose	Respirat Epith, Turbinate	Vacuolization Cytoplasmic	Minimal
	Nasolacrim Dct	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
		Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissue (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1049

TRT#: 5
DOSE: 5PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose Respirat Epith, Turbinate Hyperplasia Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1052

TRT#: 7
DOSE: 2.5PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802040

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Nose

Respirat Epith, Turbinate
Nasolacrim Dct

Hyperplasia

Multifocal, Mild

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissue (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1053

TRT#: 1
DOSE: 0PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Epididymis	* Heart
* Spleen	* Testes	* Urinary Bladder	

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Lung		Hemorrhage	Acute, Focal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1054

TRT#: 5
DOSE: 5PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802030

OBSERVATIONS

* Liver

Centrilobular

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Vacuolization Cytoplasmic

Minimal

Nasolacrim Dct

Hyperplasia

Multifocal, Minimal

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1058

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802121

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1061

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Lung
* Urinary Bladder

* Brain
* Nose
* Uterus

* Kidney
* Ovary

* Liver
* Spleen

OBSERVATIONS

* Heart
* Larynx

Lamina Propria

Cardiomyopathy
Infiltration Cellular

Focal, Minimal
Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1065

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate
Nasolacrim Dct

Hyperplasia
Infiltration Cellular

Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1071

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802132

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1073

TRT#: 6
DOSE: 5PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate
Nasolacrim Dct
Respirat Epith, Turbinate

Hyperplasia
Infiltration Cellular
Metaplasia

Multifocal, Mild
Mononuclear CI, Multifocal, Minimal
Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissue (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1077

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802123

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1078

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802124

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1080

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Heart	* Kidney
* Ovary	* Spleen	* Urinary Bladder	* Uterus

OBSERVATIONS

* Larynx	Lamina Propria Lamina Propria	Infiltration Cellular Inflammation	Mononuclear CI, Multifocal, Minimal Suppurative, Acute, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1083

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Heart	* Kidney
* Ovary	* Spleen	* Urinary Bladder	* Uterus

OBSERVATIONS

* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Focal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1085

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802133

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1087

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Liver
* Urinary Bladder

* Lung
* Uterus

OBSERVATIONS

* Heart
* Kidney
* Larynx
* Nose

Collect Tub
Lamina Propria
Respirat Epith, Turbinate
Respirat Epith, Turbinate

Cardiomyopathy
Mineralization
Infiltration Cellular
Hyperplasia
Metaplasia

Multifocal, Minimal
Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal
Multifocal, Mild
Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1089

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Urinary Bladder

* Brain
* Uterus

* Ovary

* Spleen

OBSERVATIONS

* Heart
* Kidney

* Larynx
* Liver
* Lung
 Note: Lung - One lobe collapsed.
* Nose

Collect Tub
Renal Tubule
Lamina Propria

Respirat Epith, Septum
Respirat Epith, Turbinate
Nasolacrim Dct
Respirat Epith, Septum
Respirat Epith, Turbinate

Cardiomyopathy
Mineralization
Regeneration
Infiltration Cellular
Infiltration Cellular
Hemorrhage

Hyperplasia
Hyperplasia
Infiltration Cellular
Metaplasia
Metaplasia

Multifocal, Minimal
Multifocal, Minimal
Focal, Minimal
Mononuclear CI, Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal
Acute, Multifocal, Minimal

Multifocal, Mild
Multifocal, Mild
Mononuclear CI, Multifocal, Minimal
Squamous, Multifocal, Mild
Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1092

TRT#: 6
DOSE: 5PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate
Nasolacrim Dct
Respirat Epith, Turbinate

Hyperplasia
Infiltration Cellular
Metaplasia

Multifocal, Mild
Mononuclear CI, Multifocal, Minimal
Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1094

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1096

TRT#: 8
DOSE: 2.5PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate
Nasolacrim Dct

Hyperplasia
Infiltration Cellular

Multifocal, Minimal
Mononuclear CI, Focal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1099

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Heart
* Urinary Bladder

* Lung
* Uterus

OBSERVATIONS

* Kidney
* Larynx
* Liver
* Nose

Collect Tub
Lamina Propria
Nasolacrim Dct

Mineralization
Infiltration Cellular
Infiltration Cellular
Infiltration Cellular

Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1100

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Heart
* Urinary Bladder

* Lung

OBSERVATIONS

* Kidney	Collect Tub	Mineralization	Focal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

* Uterus

Dilatation

Mild

Note: Uterine dilatation was in Lumen.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1101

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1105

TRT#: 2

SEX: Female

DAY ON TEST: 95

DOSE: 0PPM

DISP: Scheduled Sacrifice

HISTO: 9802105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow

* Brain

* Heart

* Lung

* Ovary

* Spleen

* Urinary Bladder

OBSERVATIONS

* Kidney

Collect Tub

Mineralization

Multifocal, Minimal

Renal Tubule

Regeneration

Multifocal, Minimal

* Larynx

Lamina Propria

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Mild

* Uterus

Dilatation

Mild

Note: Uterine dilatation was in Lumen.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1106

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802126

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1109

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802137

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1113

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802127

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Focal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1116

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain
* Urinary Bladder

* Heart

* Ovary

* Spleen

OBSERVATIONS

* Bone Marrow	Femoral	Inflammation	Granulomatous, Multifocal, Mild
* Kidney	Collect Tub	Mineralization	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Mild
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Focal, Minimal
* Nose	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Mild
* Uterus		Dilatation	Minimal

Note: Uterine dilatation was in Lumen.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1119

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802128

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1121

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Liver
* Urinary Bladder

* Lung
* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Kidney	Renal Tubule	Regeneration	Focal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Nose	Respirat Epith, Septum	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Respirat Epith, Septum	Metaplasia	Squamous, Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1122

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Heart
* Urinary Bladder

* Lung
* Uterus

OBSERVATIONS

* Kidney	Collect Tub	Mineralization	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Nose	Respirat Epith, Septum	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Respirat Epith, Septum	Metaplasia	Squamous, Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1126

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Heart
* Urinary Bladder

* Kidney
* Uterus

OBSERVATIONS

* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Focal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1128	TRT#: 2 DOSE: 0PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 95 HISTO: 9802107
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Lung	* Ovary
* Spleen	* Uterus		

MISSING

* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Mild
* Kidney	Interstitium	Infiltration Cellular	Mononuclear Cl, Focal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear Cl, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear Cl, Multifocal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear Cl, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1129

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Lung
* Uterus

* Brain
* Ovary

* Kidney
* Spleen

* Liver
* Urinary Bladder

OBSERVATIONS

* Heart
* Larynx
* Nose

Lamina Propria
Respirat Epith, Septum
Respirat Epith, Turbinate
Respirat Epith, Septum
Respirat Epith, Turbinate

Cardiomyopathy
Infiltration Cellular
Hyperplasia
Hyperplasia
Metaplasia
Metaplasia

Focal, Minimal
Mononuclear CI, Multifocal, Minimal
Multifocal, Mild
Multifocal, Mild
Squamous, Multifocal, Minimal
Squamous, Multifocal, Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1131

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Urinary Bladder

* Brain
* Uterus

* Ovary

* Spleen

OBSERVATIONS

* Heart		Cardiomyopathy	Multifocal, Minimal
* Kidney	Collect Tub	Mineralization	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Liver		Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Focal, Minimal
* Nose	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1132

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802138

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1133

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802139

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1134

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Lung
* Urinary Bladder

* Brain
* Nose
* Uterus

* Heart
* Ovary

* Liver
* Spleen

OBSERVATIONS

* Kidney
* Larynx

Collect Tub
Lamina Propria

Mineralization
Infiltration Cellular

Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1136

TRT#: 6
DOSE: 5PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

OBSERVATIONS

* Nose

Respirat Epith, Turbinate
Nasolacrim Dct
Respirat Epith, Turbinate

Hyperplasia
Infiltration Cellular
Metaplasia

Multifocal, Mild
Mononuclear CI, Multifocal, Minimal
Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1138

TRT#: 2
DOSE: 0PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 95
HISTO: 9802110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Lung
* Urinary Bladder

* Nose
* Uterus

OBSERVATIONS

* Heart
* Kidney
* Larynx
* Liver

Collect Tub
Lamina Propria

Cardiomyopathy
Mineralization
Infiltration Cellular
Infiltration Cellular

Focal, Minimal
Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal
Mononuclear CI, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1139

TRT#: 6

SEX: Female

DAY ON TEST: 95

DOSE: 5PPM

DISP: Scheduled Sacrifice

HISTO: 9802130

OBSERVATIONS

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Multifocal, Mild

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1146

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Ovary

* Brain
* Spleen

* Heart
* Urinary Bladder

* Liver

OBSERVATIONS

* Kidney	Collect Tub	Mineralization	Multifocal, Minimal
* Larynx	Lamina Propria	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
* Lung		Hemorrhage	Acute, Multifocal, Minimal
* Nose	Respirat Epith, Septum	Hyperplasia	Multifocal, Mild
	Respirat Epith, Turbinate	Hyperplasia	Multifocal, Mild
	Nasolacrim Dct	Infiltration Cellular	Mononuclear CI, Multifocal, Minimal
	Respirat Epith, Septum	Metaplasia	Squamous, Multifocal, Mild
	Respirat Epith, Turbinate	Metaplasia	Squamous, Multifocal, Mild
* Uterus		Dilatation	Minimal

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

Note: Uterine dilatation was in Lumen.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1151

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow
* Spleen

* Brain
* Urinary Bladder

* Kidney
* Uterus

* Ovary

OBSERVATIONS

* Heart
* Larynx
* Liver
* Lung
* Nose

Lamina Propria

Respirat Epith, Turbinate
Respirat Epith, Turbinate

Cardiomyopathy
Infiltration Cellular
Infiltration Cellular
Hemorrhage
Hyperplasia
Metaplasia

Multifocal, Minimal
Mononuclear CI, Multifocal, Mild
Mononuclear CI, Multifocal, Minimal
Acute, Focal, Minimal
Multifocal, Mild
Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Cyclohexen-1-one

CAS Number: 930-68-7

Date Report Requested: 10/16/2014

Time Report Requested: 04:29:55

First Dose M/F: NA / NA

Lab: NIEHS

ANIMAL ID: 1152

TRT#: 4

SEX: Female

DAY ON TEST: 95

DOSE: 10PPM

DISP: Scheduled Sacrifice

HISTO: 9802120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow

* Brain

* Heart

* Kidney

* Lung

* Ovary

* Spleen

* Urinary Bladder

* Uterus

OBSERVATIONS

* Larynx

Lamina Propria

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Liver

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Septum

Hyperplasia

Multifocal, Mild

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Respirat Epith, Turbinate

Metaplasia

Squamous, Multifocal, Mild

Note: Hyperplasia and Metaplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92007-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Cyclohexen-1-one
CAS Number: 930-68-7

Date Report Requested: 10/16/2014
Time Report Requested: 04:29:55
First Dose M/F: NA / NA
Lab: NIEHS

ANIMAL ID: 1154

TRT#: 8

SEX: Female

DAY ON TEST: 95

DOSE: 2.5PPM

DISP: Scheduled Sacrifice

HISTO: 9802140

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Multifocal, Minimal

Infiltration Cellular

Mononuclear CI, Multifocal, Minimal

* Nose

Respirat Epith, Turbinate

Hyperplasia

Multifocal, Mild

Lamina Propria

Infiltration Cellular

Mononuclear CI, Multifocal, Mild

Nasolacrim Dct

Infiltration Cellular

Mononuclear CI, Focal, Minimal

Note: Hyperplasia of respiratory epithelium was just evident in Level 1 nasal cavity.

PRIMARY CAUSE OF DEATH

-

Animal Note: Only target tissues (Nasal Cavity and Liver) required to be examined in Group 3 and 4 animals.

**** END OF REPORT ****