

Experiment Number: 05049 - 03
Test Type: 14-DAY
Route: DOSED WATER
Species/Strain: RATS/HSD

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)
Ionic liquid Toxicity
CAS Number: IONICLIQUIDS

Date Report Requested: 04/24/2020
Time Report Requested: 12:10:10
First Dose M/F: 03/09/09 / 03/10/09
Lab: MBA

NTP Study Number: C05049
Lock Date: 12/04/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include 001 Control Male Include 012 1.0 mg/ml NBuPy Include 013 3.0 mg/ml NBuPy
Include 014 6.0 mg/ml NBuPy Include 015 Control Female Include 026 1.0 mg/ml NBuPy
Include 027 3.0 mg/ml NBuPy Include 028 6.0 mg/ml NBuPy
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

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Lab: MBA

Harlan Sprague Dawley RATS MALE

Control Male

1.0 mg/ml NBUpy

3.0 mg/ml NBUpy

6.0 mg/ml NBUpy

Disposition Summary

Animals Initially In Study

10

5

5

5

Early Deaths

Survivors

Terminal Sacrifice

10

5

5

5

Animals Examined Microscopically

10

5

5

5

ALIMENTARY SYSTEM

Intestine Small, Duodenum

(10)

(0)

(0)

(5)

Intestine Small, Ileum

(10)

(0)

(0)

(5)

Intestine Small, Jejunum

(10)

(0)

(0)

(5)

Liver

(10)

(5)

(5)

(5)

Depletion Glycogen

1 (20%)

4 (80%)

Stomach, Forestomach

(10)

(0)

(0)

(5)

Stomach, Glandular

(10)

(0)

(0)

(5)

CARDIOVASCULAR SYSTEM

Heart

(10)

(0)

(0)

(5)

Cardiomyopathy

8 (80%)

4 (80%)

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Testes

(10)

(0)

(0)

(5)

a - Number of animals examined microscopically at site and number of animals with lesion

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6.0 mg/ml NBuPy

HEMATOPOIETIC SYSTEM

Spleen	(10)	(0)	(0)	(5)
Thymus	(10)	(0)	(5)	(5)
Necrosis				1 (20%)

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

Brain	(10)	(0)	(0)	(5)
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RESPIRATORY SYSTEM

Lung	(10)	(0)	(0)	(5)
Metaplasia, Osseous	1 (10%)			

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

Kidney	(10)	(0)	(0)	(5)
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6.0 mg/ml NBUpy

*** END OF MALE ***

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Harlan Sprague Dawley RATS FEMALE

Control Female

1.0 mg/ml NBUpy

3.0 mg/ml NBUpy

6.0 mg/ml NBUpy

Disposition Summary

Animals Initially In Study

10

5

5

5

Early Deaths

Survivors

Terminal Sacrifice

10

5

5

5

Animals Examined Microscopically

10

5

5

5

ALIMENTARY SYSTEM

Intestine Small, Duodenum

(10)

(0)

(0)

(5)

Intestine Small, Ileum

(10)

(0)

(0)

(5)

Intestine Small, Jejunum

(10)

(0)

(0)

(5)

Liver

(10)

(0)

(5)

(5)

Depletion Glycogen

1 (20%)

Stomach, Forestomach

(10)

(0)

(0)

(5)

Stomach, Glandular

(10)

(0)

(0)

(5)

CARDIOVASCULAR SYSTEM

Heart

(10)

(0)

(0)

(5)

Cardiomyopathy

10 (100%)

5 (100%)

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Ovary

(10)

(0)

(0)

(5)

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3.0 mg/ml NBUpy

6.0 mg/ml NBUpy

HEMATOPOIETIC SYSTEM

Spleen	(10)	(0)	(5)	(5)
Depletion Cellular				1 (20%)
Thymus	(10)	(0)	(5)	(5)
Atrophy				1 (20%)
Necrosis				3 (60%)

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

Brain	(10)	(0)	(0)	(5)
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RESPIRATORY SYSTEM

Lung	(10)	(0)	(0)	(5)
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SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

Kidney	(10)	(0)	(0)	(5)
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*** END OF REPORT ***

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