

Experiment Number: 05049 - 03

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a) WITH
AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 04/24/2020

Test Type: 14-DAY

Ionic liquid Toxicity

Time Report Requested: 12:09:03

Route: DOSED WATER

CAS Number: IONICLIQUIDS

First Dose M/F: 03/09/09 / 03/10/09

Species/Strain: RATS/HSD

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 009 1.0 mg/ml Bmpy	Include 010 3.0 mg/ml Bmpy
Include 011 6.0 mg/ml Bmpy	Include 015 Control Female	Include 023 1.0 mg/ml Bmpy
Include 024 3.0 mg/ml Bmpy	Include 025 6.0 mg/ml Bmpy	

Study Gender: Both

TDMSE Version: 3.0.2.3_002

PWG Approval Date: NONE

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Species/Strain: RATS/HSD

Lab: MBA

Harlan Sprague Dawley RATS MALE

Control Male

1.0 mg/ml Bmpy

3.0 mg/ml Bmpy

6.0 mg/ml Bmpy

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

5 [1.0]

Stomach, Forestomach

(10)

(0)

(0)

(5)

Stomach, Glandular

(10)

(0)

(0)

(5)

CARDIOVASCULAR SYSTEM

Heart

(10)

(0)

(0)

(5)

Cardiomyopathy

8 [1.0]

5 [1.0]

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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Control Male

1.0 mg/ml Bmpy

3.0 mg/ml Bmpy

6.0 mg/ml Bmpy

HEMATOPOIETIC SYSTEM

Spleen	(10)	(0)	(0)	(5)
Thymus	(10)	(0)	(0)	(5)

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 [1.0]			

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

Kidney	(10)	(2)	(0)	(5)
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Lab: MBA

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Control Male

1.0 mg/ml Bmpy

3.0 mg/ml Bmpy

6.0 mg/ml Bmpy

*** END OF MALE ***

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Species/Strain: RATS/HSD

Lab: MBA

Harlan Sprague Dawley RATS FEMALE

Control Female

1.0 mg/ml Bmpy

3.0 mg/ml Bmpy

6.0 mg/ml Bmpy

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)	(0)	(5)
Stomach, Forestomach	(10)	(0)	(0)	(5)
Stomach, Glandular	(10)	(0)	(0)	(5)

CARDIOVASCULAR SYSTEM

Heart	(10)	(0)	(0)	(5)
Cardiomyopathy	10 [1.0]			5 [1.0]

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Ovary	(10)	(0)	(0)	(5)
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3.0 mg/ml Bmpy

6.0 mg/ml Bmpy

HEMATOPOIETIC SYSTEM

Spleen	(10)	(0)	(0)	(5)
Thymus	(10)	(0)	(0)	(5)

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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