

Experiment Number: 20303-02

Test Type: 14-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

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

Test Compound: Vinylidene chloride

CAS Number: 75-35-4

Date Report Requested: 10/16/2014

Time Report Requested: 06:37:11

First Dose M/F: NA / NA

Lab: BNW

| | |
|-----------------------------|------------|
| C Number: | C20303 |
| Lock Date: | 06/01/2005 |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Both |
| PWG Approval Date | NONE |

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| B6C3F1 Mouse MALE | CONTROL | 25 PPM | 50 PPM | 100 PPM | 200 PPM | 400 PPM |
|----------------------------------|---------|---------|---------|---------|---------|---------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 5 | 5 | 5 | 5 | 5 | 5 |
| Early Deaths | | | | | | |
| Natural Death | | | 1 | 5 | 5 | 5 |
| Survivors | | | | | | |
| Terminal Sacrifice | 5 | 5 | 4 | | | |
| Animals Examined Microscopically | 5 | 5 | 5 | 5 | 5 | 5 |
| ALIMENTARY SYSTEM | | | | | | |
| Intestine Small, Duodenum | (0) | (0) | (0) | (0) | (1) | (1) |
| Intestine Small, Ileum | (0) | (0) | (0) | (0) | (1) | (1) |
| Intestine Small, Jejunum | (0) | (0) | (0) | (0) | (1) | (1) |
| Liver | (5) | (5) | (5) | (5) | (5) | (5) |
| Necrosis | | | 1 [1.0] | 5 [3.0] | 5 [4.0] | 5 [4.0] |
| CARDIOVASCULAR SYSTEM | | | | | | |
| None | | | | | | |
| ENDOCRINE SYSTEM | | | | | | |
| None | | | | | | |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| None | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Spleen | (0) | (1) | (1) | (0) | (0) | (0) |
| Hyperplasia, Lymphoid | | 1 [2.0] | 1 [2.0] | | | |
| Thymus | (0) | (0) | (0) | (0) | (1) | (0) |
| Hemorrhage | | | | | 1 [1.0] | |

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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| B6C3F1 Mouse MALE | CONTROL | 25 PPM | 50 PPM | 100 PPM | 200 PPM | 400 PPM |
|----------------------------|---------|---------|---------|---------|---------|---------|
| INTEGUMENTARY SYSTEM | | | | | | |
| None | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| None | | | | | | |
| NERVOUS SYSTEM | | | | | | |
| None | | | | | | |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (5) | (0) | (0) | (0) | (0) | (5) |
| Nose | (5) | (5) | (5) | (5) | (5) | (5) |
| Respirat Epith, Necrosis | | | 1 [1.0] | 5 [1.0] | 5 [1.0] | 5 [1.0] |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (5) | (0) | (0) | (0) | (0) | (5) |
| URINARY SYSTEM | | | | | | |
| Kidney | (5) | (5) | (5) | (5) | (5) | (5) |
| Casts Granular | | 5 [1.8] | 5 [2.2] | 5 [3.0] | 5 [4.0] | 5 [4.0] |
| Renal Tubule, Necrosis | | 5 [1.2] | 5 [1.6] | 5 [4.0] | 5 [4.0] | 5 [4.0] |
| Renal Tubule, Regeneration | | 5 [2.8] | 4 [3.0] | | | |

END OF MALE DATA

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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| B6C3F1 Mouse FEMALE | CONTROL | 25 PPM | 50 PPM | 100 PPM | 200 PPM | 400 PPM |
|----------------------------------|---------|--------|--------|---------|---------|---------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 5 | 5 | 5 | 5 | 5 | 5 |
| Early Deaths | | | | | | |
| Natural Death | | | | 1 | 5 | 5 |
| Survivors | | | | | | |
| Terminal Sacrifice | 5 | 5 | 5 | 4 | | |
| Animals Examined Microscopically | 5 | | 5 | 5 | 5 | 5 |
| ALIMENTARY SYSTEM | | | | | | |
| Intestine Small, Duodenum | (0) | (0) | (0) | (0) | (2) | (1) |
| Intestine Small, Ileum | (0) | (0) | (0) | (0) | (2) | (1) |
| Intestine Small, Jejunum | (0) | (0) | (0) | (0) | (2) | (1) |
| Liver | (5) | (0) | (5) | (5) | (5) | (5) |
| Necrosis | | | | 5 [1.6] | 5 [4.0] | 5 [4.0] |
| Regeneration | | | | 4 [2.0] | | |
| CARDIOVASCULAR SYSTEM | | | | | | |
| None | | | | | | |
| ENDOCRINE SYSTEM | | | | | | |
| None | | | | | | |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| None | | | | | | |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Thymus | (0) | (0) | (0) | (0) | (0) | (1) |
| Hemorrhage | | | | | | 1 [1.0] |
| INTEGUMENTARY SYSTEM | | | | | | |

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

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|--------------------------|---------|--------|--------|---------|---------|---------|
| None | | | | | | |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| None | | | | | | |
| NERVOUS SYSTEM | | | | | | |
| None | | | | | | |
| RESPIRATORY SYSTEM | | | | | | |
| Lung | (5) | (0) | (0) | (0) | (1) | (5) |
| Nose | (5) | (0) | (5) | (5) | (5) | (5) |
| Respirat Epith, Necrosis | | | | 1 [1.0] | 5 [1.0] | 5 [1.0] |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (5) | (0) | (0) | (0) | (0) | (5) |
| URINARY SYSTEM | | | | | | |
| Kidney | (5) | (0) | (0) | (4) | (5) | (5) |

**** END OF REPORT ****

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

b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)