

Experiment Number: 99017-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

Test Compound: Diethylamine

CAS Number: 109-89-7

Date Report Requested: 10/22/2014

Time Report Requested: 14:09:43

First Dose M/F: NA / NA

Lab: BNW

| | |
|-----------------------------|------------|
| C Number: | C99017 |
| Lock Date: | 07/22/2003 |
| 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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First Dose M/F: NA / NA

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| B6C3F1 Mouse MALE | CONTROL | 8 PPM | 16 PPM | 32 PPM | 62 PPM | 125 PPM |
|-----------------------------------|---------|-------|--------|--------|--------|---------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | | |
| Survivors | | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 10 | 10 |
| Animals Examined Microscopically | 10 | 10 | 10 | 10 | 10 | 10 |
| ALIMENTARY SYSTEM | | | | | | |
| Esophagus | (10) | (0) | (0) | (0) | (0) | (10) |
| Gallbladder | (9) | (0) | (0) | (0) | (0) | (9) |
| Intestine Large, Cecum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Colon | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Rectum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Ileum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (0) | (0) | (10) |
| Liver | (10) | (0) | (0) | (0) | (0) | (10) |
| Inflammation | 1 (10%) | | | | | 1 (10%) |
| Oral Mucosa | (1) | (0) | (0) | (0) | (0) | (0) |
| Pancreas | (10) | (0) | (0) | (0) | (0) | (10) |
| Salivary Glands | (9) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Forestomach | (10) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (0) | (0) | (10) |
| Infiltration Cellular, Mixed Cell | | | | | | 1 (10%) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Heart | (10) | (0) | (0) | (0) | (0) | (10) |
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (10) | (0) | (0) | (0) | (0) | (10) |
| Hypertrophy | | | | | | 1 (10%) |

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

Experiment Number: 99017-04

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CAS Number: 109-89-7

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BNW

| B6C3F1 Mouse MALE | CONTROL | 8 PPM | 16 PPM | 32 PPM | 62 PPM | 125 PPM |
|-------------------------|---------|-------|--------|--------|--------|---------|
| Adrenal Medulla | (10) | (0) | (0) | (0) | (0) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland | (5) | (0) | (0) | (0) | (0) | (7) |
| Pituitary Gland | (10) | (0) | (0) | (0) | (0) | (8) |
| Thyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Epididymis | (10) | (0) | (0) | (0) | (0) | (10) |
| Penis | (1) | (0) | (0) | (0) | (0) | (0) |
| Preputial Gland | (10) | (1) | (0) | (0) | (0) | (10) |
| Prostate | (10) | (0) | (0) | (0) | (0) | (9) |
| Seminal Vesicle | (10) | (0) | (0) | (0) | (0) | (10) |
| Testes | (10) | (0) | (0) | (0) | (0) | (10) |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | (10) | (0) | (0) | (0) | (0) | (10) |
| Lymph Node, Bronchial | (9) | (0) | (0) | (0) | (0) | (6) |
| Lymph Node, Mandibular | (4) | (0) | (0) | (0) | (0) | (5) |
| Lymph Node, Mediastinal | (6) | (0) | (0) | (0) | (0) | (7) |
| Lymph Node, Mesenteric | (10) | (0) | (0) | (0) | (0) | (10) |
| Spleen | (10) | (0) | (0) | (0) | (0) | (10) |
| Thymus | (10) | (0) | (0) | (0) | (0) | (10) |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | (1) | (0) | (0) | (0) | (0) | (0) |
| Skin | (10) | (0) | (0) | (0) | (0) | (10) |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (0) | (0) | (10) |

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

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Route: RESPIRATORY EXPOSURE WHOLE BODY

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First Dose M/F: NA / NA

Lab: BNW

| B6C3F1 Mouse MALE | CONTROL | 8 PPM | 16 PPM | 32 PPM | 62 PPM | 125 PPM |
|--------------------------------------|---------|-------|--------|---------|---------|-----------|
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (0) | (0) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Larynx | (10) | (0) | (0) | (0) | (0) | (10) |
| Lung | (10) | (0) | (0) | (0) | (0) | (10) |
| Metaplasia, Osseous | 1 (10%) | | | | | 1 (10%) |
| Nose | (10) | (10) | (10) | (10) | (10) | (10) |
| Inflammation, Suppurative | | | | | | 8 (80%) |
| Olfactory Epi, Atrophy | | | | 4 (40%) | 9 (90%) | 10 (100%) |
| Respirat Epith, Metaplasia, Squamous | | | | | 1 (10%) | 9 (90%) |
| Turbinate, Necrosis | | | | | | 7 (70%) |
| Trachea | (10) | (0) | (0) | (0) | (0) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (0) | (0) | (10) |
| Cornea, Inflammation, Acute | 1 (10%) | | | | | |
| Harderian Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (0) | (0) | (0) | (0) | (10) |
| Inflammation | | | | | | 2 (20%) |
| Urinary Bladder | (10) | (0) | (0) | (0) | (0) | (10) |

END OF MALE DATA

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

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Lab: BNW

| B6C3F1 Mouse FEMALE | CONTROL | 8 PPM | 16 PPM | 32 PPM | 62 PPM | 125 PPM |
|----------------------------------|---------|-------|--------|--------|--------|---------|
| Disposition Summary | | | | | | |
| Animals Initially In Study | 10 | 10 | 10 | 10 | 10 | 10 |
| Early Deaths | | | | | | |
| Survivors | | | | | | |
| Terminal Sacrifice | 10 | 10 | 10 | 10 | 10 | 10 |
| Animals Examined Microscopically | 10 | 10 | 10 | 10 | 10 | 10 |
| ALIMENTARY SYSTEM | | | | | | |
| Esophagus | (10) | (0) | (0) | (0) | (0) | (10) |
| Gallbladder | (10) | (0) | (0) | (0) | (0) | (8) |
| Intestine Large, Cecum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Colon | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Large, Rectum | (10) | (0) | (0) | (0) | (0) | (9) |
| Intestine Small, Duodenum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Ileum | (10) | (0) | (0) | (0) | (0) | (10) |
| Intestine Small, Jejunum | (10) | (0) | (0) | (0) | (0) | (10) |
| Liver | (10) | (0) | (0) | (0) | (0) | (10) |
| Inflammation | | | | | | 2 (20%) |
| Pancreas | (10) | (0) | (0) | (0) | (0) | (10) |
| Salivary Glands | (10) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Forestomach | (10) | (0) | (0) | (0) | (0) | (10) |
| Stomach, Glandular | (10) | (0) | (0) | (0) | (0) | (10) |
| CARDIOVASCULAR SYSTEM | | | | | | |
| Heart | (10) | (0) | (0) | (0) | (0) | (10) |
| ENDOCRINE SYSTEM | | | | | | |
| Adrenal Cortex | (10) | (0) | (0) | (0) | (0) | (10) |
| Adrenal Medulla | (9) | (0) | (0) | (0) | (0) | (10) |
| Islets, Pancreatic | (10) | (0) | (0) | (0) | (0) | (10) |
| Parathyroid Gland | (8) | (0) | (0) | (0) | (0) | (6) |

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| B6C3F1 Mouse FEMALE | CONTROL | 8 PPM | 16 PPM | 32 PPM | 62 PPM | 125 PPM |
|-------------------------|---------|-------|--------|--------|--------|---------|
| Pituitary Gland | (9) | (0) | (0) | (0) | (0) | (10) |
| Thyroid Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| GENERAL BODY SYSTEM | | | | | | |
| None | | | | | | |
| GENITAL SYSTEM | | | | | | |
| Clitoral Gland | (8) | (0) | (0) | (0) | (0) | (6) |
| Ovary | (10) | (0) | (0) | (0) | (0) | (10) |
| Uterus | (10) | (0) | (0) | (0) | (0) | (10) |
| HEMATOPOIETIC SYSTEM | | | | | | |
| Bone Marrow | (10) | (0) | (0) | (0) | (0) | (10) |
| Lymph Node, Bronchial | (8) | (0) | (0) | (0) | (0) | (9) |
| Lymph Node, Mandibular | (9) | (0) | (0) | (0) | (0) | (8) |
| Lymph Node, Mediastinal | (4) | (0) | (0) | (0) | (0) | (8) |
| Lymph Node, Mesenteric | (10) | (0) | (0) | (0) | (0) | (10) |
| Spleen | (10) | (0) | (0) | (0) | (0) | (10) |
| Thymus | (10) | (0) | (0) | (0) | (0) | (10) |
| INTEGUMENTARY SYSTEM | | | | | | |
| Mammary Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| Skin | (10) | (0) | (0) | (0) | (0) | (10) |
| MUSCULOSKELETAL SYSTEM | | | | | | |
| Bone | (10) | (0) | (0) | (0) | (0) | (10) |
| NERVOUS SYSTEM | | | | | | |
| Brain | (10) | (0) | (0) | (0) | (0) | (10) |
| RESPIRATORY SYSTEM | | | | | | |
| Larynx | (10) | (0) | (0) | (0) | (0) | (10) |
| Lung | (10) | (0) | (0) | (0) | (0) | (10) |
| Inflammation | | | | | | 1 (10%) |

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| B6C3F1 Mouse FEMALE | CONTROL | 8 PPM | 16 PPM | 32 PPM | 62 PPM | 125 PPM |
|--------------------------------------|---------|-------|--------|---------|-----------|-----------|
| Metaplasia, Osseous | 1 (10%) | | | | | |
| Nose | (10) | (10) | (10) | (10) | (10) | (10) |
| Inflammation, Suppurative | | | | | 3 (30%) | 8 (80%) |
| Olfactory Epi, Atrophy | | | | 9 (90%) | 10 (100%) | 10 (100%) |
| Respirat Epith, Metaplasia, Squamous | | | | | 1 (10%) | 9 (90%) |
| Turbinate, Necrosis | | | | | | 6 (60%) |
| Trachea | (10) | (0) | (0) | (0) | (0) | (10) |
| SPECIAL SENSES SYSTEM | | | | | | |
| Eye | (10) | (0) | (0) | (0) | (0) | (10) |
| Harderian Gland | (10) | (0) | (0) | (0) | (0) | (10) |
| URINARY SYSTEM | | | | | | |
| Kidney | (10) | (0) | (0) | (0) | (0) | (10) |
| Urinary Bladder | (10) | (0) | (0) | (0) | (0) | (10) |

** END OF REPORT **