

**Experiment Number:** 88120-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Test Compound:** p,p'-Dichlorodiphenyl sulfone  
**CAS Number:** 80-07-9

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 04:39:34  
**First Dose M/F:** NA / NA  
**Lab:** BAT

|                             |            |
|-----------------------------|------------|
| <b>C Number:</b>            | C88120     |
| <b>Lock Date:</b>           | 10/07/1993 |
| <b>Cage Range:</b>          | All        |
| <b>Date Range:</b>          | All        |
| <b>Reasons For Removal:</b> | All        |
| <b>Removal Date Range:</b>  | All        |
| <b>Treatment Groups:</b>    | All        |
| <b>Study Gender:</b>        | Both       |
| <b>PWG Approval Date</b>    | NONE       |

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**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**

Test Compound: p,p'-Dichlorodiphenyl sulfone  
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Date Report Requested: 10/20/2014  
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 First Dose M/F: NA / NA  
 Lab: BAT

| B6C3F1 Mouse MALE                | 0 PPM | 30 PPM | 100 PPM | 300 PPM | 1000 PPM | 3000 PPM |
|----------------------------------|-------|--------|---------|---------|----------|----------|
| <b>Disposition Summary</b>       |       |        |         |         |          |          |
| 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       |
| <b>ALIMENTARY SYSTEM</b>         |       |        |         |         |          |          |
| Esophagus                        | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Gallbladder                      | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| 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)      | (7)      |
| Intestine Small, Ileum           | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Intestine Small, Jejunum         | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Liver                            | (10)  | (10)   | (10)    | (10)    | (10)     | (10)     |
| 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)     |
| <b>CARDIOVASCULAR SYSTEM</b>     |       |        |         |         |          |          |
| Blood Vessel                     | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Heart                            | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| <b>ENDOCRINE SYSTEM</b>          |       |        |         |         |          |          |
| Adrenal Cortex                   | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Adrenal Medulla                  | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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First Dose M/F: NA / NA

Lab: BAT

| B6C3F1 Mouse MALE      | 0 PPM | 30 PPM | 100 PPM | 300 PPM | 1000 PPM | 3000 PPM |
|------------------------|-------|--------|---------|---------|----------|----------|
| Islets, Pancreatic     | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Parathyroid Gland      | (8)   | (0)    | (0)     | (0)     | (0)      | (9)      |
| Pituitary Gland        | (9)   | (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)     |
| Preputial Gland        | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Prostate               | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| 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, Mandibular | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| 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)     |
| NERVOUS SYSTEM         |       |        |         |         |          |          |
| Brain                  | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**Species/Strain:** Mouse/B6C3F1

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ABRIDGED) (a)**  
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**CAS Number:** 80-07-9

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**First Dose M/F:** NA / NA  
**Lab:** BAT

| <b>B6C3F1 Mouse MALE</b>     | <b>0 PPM</b> | <b>30 PPM</b> | <b>100 PPM</b> | <b>300 PPM</b> | <b>1000 PPM</b> | <b>3000 PPM</b> |
|------------------------------|--------------|---------------|----------------|----------------|-----------------|-----------------|
| <b>RESPIRATORY SYSTEM</b>    |              |               |                |                |                 |                 |
| Lung                         | (10)         | (0)           | (0)            | (1)            | (0)             | (10)            |
| Alveolar/Bronchiolar Adenoma |              |               |                | 1 (100%)       |                 |                 |
| Nose                         | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Trachea                      | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>SPECIAL SENSES SYSTEM</b> |              |               |                |                |                 |                 |
| None                         |              |               |                |                |                 |                 |
| <b>URINARY SYSTEM</b>        |              |               |                |                |                 |                 |
| Kidney                       | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Urinary Bladder              | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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| <b>B6C3F1 Mouse MALE</b>   | <b>0 PPM</b> | <b>30 PPM</b> | <b>100 PPM</b> | <b>300 PPM</b> | <b>1000 PPM</b> | <b>3000 PPM</b> |
|--|--------------|---------------|----------------|----------------|-----------------|-----------------|
| <b>Tumor Summary for MALE</b>  |              |               |                |                |                 |                 |
| <b>Total Animals with Primary Neoplasms (b)</b>                          |              |               |                | <b>1</b>       |                 |                 |
| <b>Total Primary Neoplasms</b>   |              |               |                | <b>1</b>       |                 |                 |
| <b>Total Animals with Benign Neoplasms</b>                               |              |               |                | <b>1</b>       |                 |                 |
| <b>Total Benign Neoplasms</b>  |              |               |                | <b>1</b>       |                 |                 |
| <b>Total Animals with Malignant Neoplasms</b>                            |              |               |                |                |                 |                 |
| <b>Total Malignant Neoplasms</b>   |              |               |                |                |                 |                 |
| <b>Total Animals with Metastatic Neoplasms</b>                           |              |               |                |                |                 |                 |
| <b>Total Metastatic Neoplasms</b>  |              |               |                |                |                 |                 |
| <b>Total Animals with Malignant Neoplasms<br/>Uncertain Primary Site</b> |              |               |                |                |                 |                 |
| <b>Total Animals with Neoplasms Uncertain -<br/>Benign or Malignant</b>  |              |               |                |                |                 |                 |
| <b>Total Uncertain Neoplasms</b>   |              |               |                |                |                 |                 |

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\*\*\*END OF MALE DATA\*\*\*

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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 First Dose M/F: NA / NA  
 Lab: BAT

| B6C3F1 Mouse FEMALE              | 0 PPM | 30 PPM | 100 PPM | 300 PPM | 1000 PPM | 3000 PPM |
|----------------------------------|-------|--------|---------|---------|----------|----------|
| <b>Disposition Summary</b>       |       |        |         |         |          |          |
| 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       |
| <b>ALIMENTARY SYSTEM</b>         |       |        |         |         |          |          |
| Esophagus                        | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Gallbladder                      | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| 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        | (9)   | (0)    | (0)     | (0)     | (0)      | (8)      |
| Intestine Small, Ileum           | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Intestine Small, Jejunum         | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Liver                            | (10)  | (10)   | (10)    | (10)    | (10)     | (10)     |
| 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)     |
| <b>CARDIOVASCULAR SYSTEM</b>     |       |        |         |         |          |          |
| Blood Vessel                     | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Heart                            | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| <b>ENDOCRINE SYSTEM</b>          |       |        |         |         |          |          |
| Adrenal Cortex                   | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |
| Adrenal Medulla                  | (10)  | (0)    | (0)     | (0)     | (0)      | (10)     |

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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| <b>B6C3F1 Mouse FEMALE</b>    | <b>0 PPM</b> | <b>30 PPM</b> | <b>100 PPM</b> | <b>300 PPM</b> | <b>1000 PPM</b> | <b>3000 PPM</b> |
|-------------------------------|--------------|---------------|----------------|----------------|-----------------|-----------------|
| Islets, Pancreatic            | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Parathyroid Gland             | (8)          | (0)           | (0)            | (0)            | (0)             | (10)            |
| Pituitary Gland               | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Thyroid Gland                 | (9)          | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>GENERAL BODY SYSTEM</b>    |              |               |                |                |                 |                 |
| None                          |              |               |                |                |                 |                 |
| <b>GENITAL SYSTEM</b>         |              |               |                |                |                 |                 |
| Clitoral Gland                | (9)          | (0)           | (0)            | (0)            | (0)             | (9)             |
| Ovary                         | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Uterus                        | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>HEMATOPOIETIC SYSTEM</b>   |              |               |                |                |                 |                 |
| Bone Marrow                   | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Lymph Node, Mandibular        | (9)          | (0)           | (0)            | (0)            | (0)             | (9)             |
| Lymph Node, Mesenteric        | (9)          | (0)           | (0)            | (0)            | (0)             | (10)            |
| Spleen                        | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Thymus                        | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>INTEGUMENTARY SYSTEM</b>   |              |               |                |                |                 |                 |
| Mammary Gland                 | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Skin                          | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>MUSCULOSKELETAL SYSTEM</b> |              |               |                |                |                 |                 |
| Bone                          | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>NERVOUS SYSTEM</b>         |              |               |                |                |                 |                 |
| Brain                         | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>RESPIRATORY SYSTEM</b>     |              |               |                |                |                 |                 |
| Lung                          | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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| <b>B6C3F1 Mouse FEMALE</b>   | <b>0 PPM</b> | <b>30 PPM</b> | <b>100 PPM</b> | <b>300 PPM</b> | <b>1000 PPM</b> | <b>3000 PPM</b> |
|------------------------------|--------------|---------------|----------------|----------------|-----------------|-----------------|
| Nose                         | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Trachea                      | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| <b>SPECIAL SENSES SYSTEM</b> |              |               |                |                |                 |                 |
| None                         |              |               |                |                |                 |                 |
| <b>URINARY SYSTEM</b>        |              |               |                |                |                 |                 |
| Kidney                       | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |
| Urinary Bladder              | (10)         | (0)           | (0)            | (0)            | (0)             | (10)            |

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

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| <b>B6C3F1 Mouse FEMALE</b>   | <b>0 PPM</b> | <b>30 PPM</b> | <b>100 PPM</b> | <b>300 PPM</b> | <b>1000 PPM</b> | <b>3000 PPM</b> |
|--|--------------|---------------|----------------|----------------|-----------------|-----------------|
| <b>Tumor Summary for FEMALE</b>  |              |               |                |                |                 |                 |
| <b>Total Animals with Primary Neoplasms (b)</b>                          |              |               |                |                |                 |                 |
| <b>Total Primary Neoplasms</b>   |              |               |                |                |                 |                 |
| <b>Total Animals with Benign Neoplasms</b>                               |              |               |                |                |                 |                 |
| <b>Total Benign Neoplasms</b>  |              |               |                |                |                 |                 |
| <b>Total Animals with Malignant Neoplasms</b>                            |              |               |                |                |                 |                 |
| <b>Total Malignant Neoplasms</b>   |              |               |                |                |                 |                 |
| <b>Total Animals with Metastatic Neoplasms</b>                           |              |               |                |                |                 |                 |
| <b>Total Metastatic Neoplasms</b>  |              |               |                |                |                 |                 |
| <b>Total Animals with Malignant Neoplasms<br/>Uncertain Primary Site</b> |              |               |                |                |                 |                 |
| <b>Total Animals with Neoplasms Uncertain -<br/>Benign or Malignant</b>  |              |               |                |                |                 |                 |
| <b>Total Uncertain Neoplasms</b>   |              |               |                |                |                 |                 |

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**\*\* END OF REPORT \*\***

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

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically