

**Study Number:** C11054-01

**Test Type:** TOX

**Route:** Oral Gavage

**Species/Strain:** Rat/Harlan Sprague Dawley

**C Number:**

**Study Gender:**

**PWG Approval Date**

**PA05: Incidence Rates of Neoplastic Lesions with Systemic Lesions Abridged (a)**

**Test Compound:** Sulfolane

**CAS Number:** 126-33-0

C11054-01

Both

See web page for date of PWG Approval

**Date Report Requested:** 11/06/2018

**Time Report Requested:** 11:28:40

**Lab:** EPL - Pathology

Study Number: C11054-01

PA05: Incidence Rates of Neoplastic Lesions with Systemic Lesions Abridged (a)

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Route: Oral Gavage

CAS Number: 126-33-0

Lab: EPL - Pathology

Species/Strain: Rat/Harlan Sprague Dawley

	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
<b>Disposition Summary</b>							
Animals Initially In Study	13	10	10	13	13	13	10
Scheduled Sacrifice							
Early Deaths							
Survivors							
Scheduled sacrifice, terminal (SD 28 - 29)	13	10	10	13	13	13	10
Animals Examined Microscopically	10	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>							
ESOPHAGUS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, LARGE, CECUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, LARGE, COLON	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, LARGE, RECTUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, SMALL, DUODENUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, SMALL, ILEUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, SMALL, JEJUNUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LIVER	(10)	(0)	(0)	(1)	(0)	(0)	(10)
PANCREAS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SALIVARY GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
STOMACH, FORESTOMACH	(10)	(0)	(0)	(0)	(0)	(0)	(10)
STOMACH, GLANDULAR	(10)	(0)	(0)	(0)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>							
AORTA	(10)	(0)	(0)	(0)	(0)	(0)	(10)
HEART	(10)	(0)	(0)	(0)	(0)	(0)	(10)

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Species/Strain: Rat/Harlan Sprague Dawley

	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
ENDOCRINE SYSTEM							
ADRENAL GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
PARATHYROID GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(8)
PITUITARY GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
THYROID GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM							
No Tissues/Organs Examined							
GENITAL SYSTEM							
EPIDIDYMIDIS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
PREPUTIAL GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
PROSTATE GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SEMINAL VESICLE	(10)	(0)	(0)	(0)	(0)	(0)	(10)
TESTIS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM							
BONE MARROW	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LYMPH NODE, MANDIBULAR	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LYMPH NODE, MESENTERIC	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)	(10)
THYMUS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM							
MAMMARY GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SKIN	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LYMPHOID SYSTEM							
No Tissues/Organs Examined							
MUSCULOSKELETAL SYSTEM							
BONE, FEMUR	(10)	(0)	(0)	(0)	(0)	(0)	(10)

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	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
NERVOUS SYSTEM							
BRAIN	(10)	(0)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM							
LUNGS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
NOSE	(10)	(0)	(0)	(0)	(0)	(0)	(10)
TRACHEA	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM							
EYE	(10)	(0)	(0)	(0)	(0)	(0)	(10)
HARDERIAN GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM							
KIDNEY	(10)	(10)	(10)	(10)	(10)	(10)	(10)
URINARY BLADDER	(10)	(0)	(0)	(0)	(0)	(0)	(10)
No Systemic Lesions							

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Species/Strain: Rat/Harlan Sprague Dawley

Tumor Summary Data for Male	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
Total Animals with Primary Neoplasms	0	0	0	0	0	0	0
Total Primary Neoplasms	0	0	0	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0	0	0	0
Total Benign Neoplasms	0	0	0	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0	0	0	0
Total Malignant Neoplasms	0	0	0	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0	0	0	0

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Lab: EPL - Pathology

Species/Strain: Rat/Harlan Sprague Dawley

Female

Treatment Groups (mg/kg)

	0	1	10	30	100	300	800
<b>Disposition Summary</b>							
Animals Initially In Study	13	10	10	13	13	13	10
Scheduled Sacrifice							
Early Deaths							
Survivors							
Scheduled sacrifice, terminal (SD 28 - 29)	13	10	10	13	13	13	10
Animals Examined Microscopically	10	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>							
ESOPHAGUS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, LARGE, CECUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, LARGE, COLON	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, LARGE, RECTUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, SMALL, DUODENUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, SMALL, ILEUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTESTINE, SMALL, JEJUNUM	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LIVER	(10)	(0)	(0)	(0)	(0)	(1)	(10)
PANCREAS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SALIVARY GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
STOMACH, FORESTOMACH	(10)	(0)	(0)	(0)	(0)	(0)	(10)
STOMACH, GLANDULAR	(10)	(0)	(0)	(0)	(0)	(0)	(10)
<b>CARDIOVASCULAR SYSTEM</b>							
AORTA	(10)	(0)	(0)	(0)	(0)	(0)	(10)
HEART	(10)	(0)	(0)	(0)	(0)	(0)	(10)

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Species/Strain: Rat/Harlan Sprague Dawley

Female

Treatment Groups (mg/kg)

	0	1	10	30	100	300	800
ENDOCRINE SYSTEM							
ADRENAL GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
PARATHYROID GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(9)
PITUITARY GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
THYROID GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM							
No Tissues/Organs Examined							
GENITAL SYSTEM							
CERVIX	(10)	(0)	(0)	(0)	(0)	(0)	(10)
CLITORAL GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
OVARY	(10)	(0)	(0)	(0)	(0)	(0)	(10)
UTERUS	(10)	(0)	(0)	(1)	(0)	(0)	(10)
VAGINA	(10)	(0)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM							
BONE MARROW	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LYMPH NODE, MANDIBULAR	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LYMPH NODE, MESENTERIC	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)	(10)
THYMUS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM							
MAMMARY GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SKIN	(10)	(0)	(0)	(0)	(0)	(0)	(10)
LYMPHOID SYSTEM							
No Tissues/Organs Examined							
MUSCULOSKELETAL SYSTEM							
BONE, FEMUR	(10)	(0)	(0)	(0)	(0)	(0)	(10)

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Female

Treatment Groups (mg/kg)

	0	1	10	30	100	300	800
NERVOUS SYSTEM							
BRAIN	(10)	(0)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM							
LUNGS	(10)	(0)	(0)	(0)	(0)	(0)	(10)
NOSE	(10)	(0)	(0)	(0)	(0)	(0)	(10)
TRACHEA	(10)	(0)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM							
EYE	(10)	(0)	(0)	(0)	(0)	(0)	(10)
HARDERIAN GLAND	(10)	(0)	(0)	(0)	(0)	(0)	(10)
URINARY SYSTEM							
KIDNEY	(10)	(0)	(0)	(0)	(0)	(0)	(10)
URINARY BLADDER	(10)	(0)	(0)	(0)	(0)	(0)	(10)
No Systemic Lesions							



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Tumor Summary Data for Female	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
Total Animals with Primary Neoplasms	0	0	0	0	0	0	0
Total Primary Neoplasms	0	0	0	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0	0	0	0
Total Benign Neoplasms	0	0	0	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0	0	0	0
Total Malignant Neoplasms	0	0	0	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0	0	0	0

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## LEGEND

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Number of animals examined given for each tissue. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion.

Number of animals with observation reported with percent incidence in parentheses

(a) Systemic lesions are included once in the total lesion count regardless of how many times they occurred in a single animal

Phase day range of terminal sacrifice shown in parentheses in disposition summary

SD – Study Day

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