

Study Number: C11054-03
Test Type: TOX
Route: Oral Gavage
Species/Strain: Guinea Pig/Hartley

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

Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 11/06/2018
Time Report Requested: 11:35:07
Lab: EPL - Pathology

C Number:

C11054-03

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
Disposition Summary							
Animals Initially In Study	23	10	10	13	13	13	10
Scheduled Sacrifice							
Scheduled sacrifice, interim							2
Early Deaths							
Euthanized, moribund							1
Found Dead							7
Survivors							
Scheduled sacrifice, terminal (SD 28 - 29)	23	10	10	13	13	13	
Animals Examined Microscopically	20	10	10	10	10	10	10
ALIMENTARY SYSTEM							
ESOPHAGUS	(20)	(2)	(0)	(1)	(1)	(10)	(10)
GALL BLADDER	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, LARGE, CECUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, LARGE, COLON	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, LARGE, RECTUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, SMALL, DUODENUM	(20)	(0)	(0)	(0)	(0)	(8)	(10)
INTESTINE, SMALL, ILEUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, SMALL, JEJUNUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
LIVER	(20)	(0)	(0)	(1)	(1)	(10)	(10)
PANCREAS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
SALIVARY GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
STOMACH, GLANDULAR	(20)	(0)	(0)	(0)	(0)	(10)	(10)
CARDIOVASCULAR SYSTEM							
AORTA	(20)	(0)	(0)	(0)	(0)	(10)	(10)
HEART	(20)	(0)	(1)	(0)	(0)	(10)	(10)

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	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
ENDOCRINE SYSTEM							
ADRENAL GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
PARATHYROID GLAND	(12)	(0)	(0)	(0)	(0)	(5)	(7)
PITUITARY GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
THYROID GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
GENERAL BODY SYSTEM							
No Tissues/Organs Examined							
GENITAL SYSTEM							
EPIDIDYMIDIS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
PROSTATE GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
SEMINAL VESICLE	(20)	(0)	(0)	(0)	(0)	(10)	(10)
TESTIS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
HEMATOPOIETIC SYSTEM							
BONE MARROW	(20)	(0)	(0)	(0)	(0)	(10)	(10)
LYMPH NODE, MANDIBULAR	(20)	(0)	(0)	(0)	(0)	(10)	(10)
LYMPH NODE, MESENTERIC	(20)	(0)	(0)	(0)	(0)	(10)	(10)
SPLEEN	(20)	(10)	(10)	(10)	(10)	(10)	(10)
THYMUS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTEGUMENTARY SYSTEM							
MAMMARY GLAND	(19)	(0)	(0)	(0)	(0)	(10)	(5)
LYMPHOID SYSTEM							
No Tissues/Organs Examined							
MUSCULOSKELETAL SYSTEM							
BONE, FEMUR	(20)	(0)	(0)	(0)	(0)	(10)	(10)
NERVOUS SYSTEM							
BRAIN	(20)	(0)	(0)	(0)	(0)	(10)	(10)

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Male							
Treatment Groups (mg/kg)							
	0	1	10	30	100	300	800
<hr/>							
RESPIRATORY SYSTEM							
LUNGS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
NOSE	(20)	(0)	(0)	(0)	(0)	(10)	(10)
TRACHEA	(20)	(0)	(0)	(0)	(0)	(10)	(10)
<hr/>							
SPECIAL SENSES SYSTEM							
EYE	(20)	(0)	(0)	(0)	(0)	(10)	(10)
HARDERIAN GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
<hr/>							
URINARY SYSTEM							
KIDNEY	(20)	(0)	(0)	(0)	(0)	(10)	(10)
URINARY BLADDER	(20)	(0)	(0)	(0)	(0)	(10)	(10)
<hr/>							
No Systemic Lesions							

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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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Female							
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
Disposition Summary							
Animals Initially In Study	23	10	10	13	13	13	10
Scheduled Sacrifice							
Scheduled sacrifice, interim							7
Early Deaths							
Found Dead							3
Survivors							
Scheduled sacrifice, terminal (SD 28 - 29)	23	10	10	13	13	13	
Animals Examined Microscopically	20	10	10	10	10	10	10
ALIMENTARY SYSTEM							
ESOPHAGUS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
GALL BLADDER	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, LARGE, CECUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, LARGE, COLON	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, LARGE, RECTUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, SMALL, DUODENUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, SMALL, ILEUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTESTINE, SMALL, JEJUNUM	(20)	(0)	(0)	(0)	(0)	(10)	(10)
LIVER	(20)	(3)	(6)	(3)	(1)	(10)	(10)
PANCREAS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
SALIVARY GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
STOMACH, GLANDULAR	(20)	(0)	(0)	(0)	(0)	(10)	(10)
CARDIOVASCULAR SYSTEM							
AORTA	(20)	(0)	(0)	(0)	(0)	(10)	(10)
HEART	(20)	(0)	(0)	(0)	(0)	(10)	(10)

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Female							
Treatment Groups (mg/kg)							
	0	1	10	30	100	300	800
ENDOCRINE SYSTEM							
ADRENAL GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
PARATHYROID GLAND	(10)	(0)	(0)	(0)	(0)	(5)	(8)
PITUITARY GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
THYROID GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
GENERAL BODY SYSTEM							
No Tissues/Organs Examined							
GENITAL SYSTEM							
CERVIX	(20)	(0)	(0)	(0)	(0)	(10)	(10)
OVARY	(20)	(0)	(0)	(0)	(0)	(10)	(10)
UTERUS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
VAGINA	(20)	(0)	(0)	(0)	(0)	(10)	(10)
HEMATOPOIETIC SYSTEM							
BONE MARROW	(20)	(0)	(0)	(0)	(0)	(10)	(10)
LYMPH NODE, MANDIBULAR	(20)	(0)	(0)	(0)	(0)	(10)	(10)
LYMPH NODE, MESENTERIC	(20)	(0)	(0)	(0)	(0)	(10)	(10)
SPLEEN	(20)	(10)	(10)	(10)	(10)	(10)	(10)
THYMUS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
INTEGUMENTARY SYSTEM							
MAMMARY GLAND	(20)	(0)	(0)	(0)	(0)	(8)	(9)
LYMPHOID SYSTEM							
No Tissues/Organs Examined							
MUSCULOSKELETAL SYSTEM							
BONE, FEMUR	(20)	(0)	(0)	(0)	(0)	(10)	(10)
NERVOUS SYSTEM							
BRAIN	(20)	(0)	(0)	(0)	(0)	(10)	(10)

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	Female						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
RESPIRATORY SYSTEM							
CAVITY, NASAL	(0)	(0)	(0)	(0)	(1)	(0)	(0)
LUNGS	(20)	(0)	(0)	(0)	(0)	(10)	(10)
NOSE	(20)	(10)	(10)	(10)	(10)	(10)	(10)
TRACHEA	(20)	(0)	(0)	(0)	(0)	(10)	(10)
SPECIAL SENSES SYSTEM							
EYE	(20)	(0)	(0)	(0)	(0)	(10)	(10)
HARDERIAN GLAND	(20)	(0)	(0)	(0)	(0)	(10)	(10)
URINARY SYSTEM							
KIDNEY	(20)	(0)	(1)	(0)	(0)	(10)	(10)
URINARY BLADDER	(20)	(0)	(0)	(0)	(0)	(10)	(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

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 ****