

Study Number: C11054-02
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA18: Incidence Rates of Non-Neoplastic Lesions by Anatomic Site [a] with Average Severity Grades [b]
Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 11/14/2018
Time Report Requested: 12:52:42
Lab: EPL - Pathology

C Number:

C11054-02

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	16	13	13	16	16	16	13
Scheduled sacrifice, interim							7
Early Deaths							
Found Dead							6
Survivors							
Scheduled sacrifice, terminal (SD 28 - 29)	16	13	13	16	16	16	
Animals Examined Microscopically	10	10	10	10	10	10	11

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	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
ALIMENTARY SYSTEM							
ESOPHAGUS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
GALL BLADDER	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, LARGE, CECUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, LARGE, COLON	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, LARGE, RECTUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, SMALL, DUODENUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, SMALL, ILEUM	(10)	(0)	(0)	(0)	(0)	(9)	(11)
INTESTINE, SMALL, JEJUNUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
LIVER	(10)	(0)	(0)	(0)	(0)	(10)	(11)
EXTRAMEDULLARY HEMATOPOEISIS INFLAMMATION; CHRONIC-ACTIVE						1 [1.0]	1 [1.0]
PANCREAS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SALIVARY GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
STOMACH, FORESTOMACH HYPERKERATOSIS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
STOMACH, GLANDULAR CHIEF CELL; HYPERPLASIA	(10)	(0)	(0)	(10)	(10)	(10)	(11)
LIMITING RIDGE; METAPLASIA; SQUAMOUS					1 [1.0]	3 [1.0]	7 [1.0]
MINERAL					1 [1.0]	2 [1.0]	7 [1.0]
CARDIOVASCULAR SYSTEM							
AORTA	(10)	(0)	(0)	(0)	(0)	(10)	(11)
HEART CARDIOMYOPATHY	(10)	(0)	(0)	(0)	(0)	(10)	(11)
						1 [1.0]	1 [1.0]

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	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
ENDOCRINE SYSTEM							
ADRENAL GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
PARATHYROID GLAND	(8)	(0)	(0)	(0)	(0)	(6)	(10)
PITUITARY GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
THYROID GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
GENERAL BODY SYSTEM							
No Tissues/Organs Examined							
GENITAL SYSTEM							
EPIDIDYIMIDIS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
PREPUTIAL GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
PROSTATE GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INFILTRATION, CELLULAR; MONONUCLEAR CELL						1 [1.0]	
SEMINAL VESICLE	(10)	(0)	(0)	(0)	(0)	(10)	(11)
TESTIS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
HEMATOPOIETIC SYSTEM							
LYMPH NODE, MANDIBULAR	(10)	(0)	(0)	(0)	(0)	(10)	(11)
LYMPH NODE, MESENTERIC	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)	(11)
WHITE PULP; ATROPHY					2 [1.0]		1 [1.0]
THYMUS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTEGUMENTARY SYSTEM							
MAMMARY GLAND	(0)	(0)	(0)	(0)	(0)	(0)	(1)
SKIN	(10)	(0)	(0)	(0)	(0)	(10)	(11)
LYMPHOID SYSTEM							
No Tissues/Organs Examined							
MUSCULOSKELETAL SYSTEM							
BONE, FEMUR	(10)	(0)	(0)	(0)	(0)	(10)	(11)

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Male							
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
NERVOUS SYSTEM							
BRAIN	(10)	(0)	(0)	(0)	(0)	(10)	(11)
RESPIRATORY SYSTEM							
LUNGS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
NOSE	(10)	(0)	(0)	(0)	(0)	(10)	(11)
TRACHEA	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SPECIAL SENSES SYSTEM							
EYE	(10)	(0)	(0)	(0)	(0)	(10)	(11)
HARDERIAN GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
URINARY SYSTEM							
KIDNEY	(10)	(0)	(0)	(0)	(0)	(10)	(11)
NEPHROPATHY; CHRONIC-PROGRESSIVE	1 [1.0]					1 [1.0]	
URINARY BLADDER	(10)	(0)	(0)	(0)	(0)	(10)	(11)

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	Female						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
Disposition Summary							
Animals Initially In Study	16	13	13	16	16	16	13
Early Deaths							
Found Dead							8
Survivors							
Scheduled sacrifice, terminal (SD 18 - 29)	16	13	13	16	16	16	5
Animals Examined Microscopically	10	10	10	10	10	10	11
ALIMENTARY SYSTEM							
ESOPHAGUS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
GALL BLADDER	(10)	(0)	(0)	(0)	(0)	(8)	(11)
INTESTINE, LARGE, CECUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, LARGE, COLON	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, LARGE, RECTUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, SMALL, DUODENUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, SMALL, ILEUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INTESTINE, SMALL, JEJUNUM	(10)	(0)	(0)	(0)	(0)	(10)	(11)
LIVER	(10)	(0)	(0)	(0)	(0)	(10)	(11)
EXTRAMEDULLARY HEMATOPOEISIS						2 [1.0]	
INFLAMMATION; CHRONIC-ACTIVE	5 [1.0]					4 [1.0]	4 [1.0]
PANCREAS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SALIVARY GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
STOMACH, FORESTOMACH	(10)	(0)	(0)	(0)	(0)	(10)	(11)
STOMACH, GLANDULAR	(10)	(0)	(0)	(0)	(0)	(10)	(11)
MINERAL							2 [1.0]
CARDIOVASCULAR SYSTEM							
AORTA	(10)	(0)	(0)	(0)	(0)	(10)	(11)
ARTERY	(0)	(0)	(0)	(0)	(0)	(0)	(6)
HEART	(10)	(0)	(0)	(0)	(0)	(10)	(11)

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Female							
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
ENDOCRINE SYSTEM							
ADRENAL GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
ISLETS, PANCREATIC HYPERPLASIA	(1) 1 [1.0]	(0)	(0)	(0)	(0)	(1) 1 [1.0]	(0)
PARATHYROID GLAND	(9)	(0)	(0)	(0)	(0)	(9)	(8)
PITUITARY GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
THYROID GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
GENERAL BODY SYSTEM							
No Tissues/Organs Examined							
GENITAL SYSTEM							
CERVIX	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INFLAMMATION; CHRONIC-ACTIVE	1 [1.0]					1 [1.0]	
CLITORAL GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
OVARY	(10)	(0)	(0)	(0)	(0)	(10)	(11)
UTERUS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
VAGINA	(10)	(0)	(0)	(0)	(0)	(10)	(11)
HEMATOPOIETIC SYSTEM							
LYMPH NODE, MANDIBULAR	(10)	(0)	(0)	(0)	(0)	(10)	(11)
LYMPH NODE, MESENTERIC	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)	(11)
THYMUS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
AUTOLYSIS							1
INTEGUMENTARY SYSTEM							
MAMMARY GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SKIN	(10)	(0)	(0)	(0)	(0)	(10)	(11)
LYMPHOID SYSTEM							
No Tissues/Organs Examined							

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Female							
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
MUSCULOSKELETAL SYSTEM							
BONE, FEMUR	(10)	(0)	(0)	(0)	(0)	(10)	(11)
NERVOUS SYSTEM							
BRAIN	(10)	(0)	(0)	(0)	(0)	(10)	(11)
RESPIRATORY SYSTEM							
LUNGS	(10)	(0)	(0)	(0)	(0)	(10)	(11)
MEDIASTINUM	(0)	(0)	(0)	(0)	(0)	(0)	(1)
NOSE	(10)	(0)	(0)	(0)	(0)	(10)	(11)
TRACHEA	(10)	(0)	(0)	(0)	(0)	(10)	(11)
SPECIAL SENSES SYSTEM							
EYE	(10)	(0)	(0)	(1)	(0)	(10)	(11)
AUTOLYSIS							1
HARDERIAN GLAND	(10)	(0)	(0)	(0)	(0)	(10)	(11)
URINARY SYSTEM							
KIDNEY	(10)	(0)	(0)	(0)	(0)	(10)	(11)
INFLAMMATION; CHRONIC-ACTIVE						1 [1.0]	
NEPHROPATHY; CHRONIC-PROGRESSIVE	1 [1.0]					2 [1.0]	
URINARY BLADDER	(10)	(0)	(0)	(0)	(0)	(10)	(11)

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LEGEND

[a] 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.

[b] Mean severity grade denoted by 1 - minimal, 2 - mild, 3 - moderate, 4 - marked

Number of animals with observation reported with mean severity grade in square brackets

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

SD – Study Day

**** END OF REPORT ****