

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

**PA46: Summary of Gross Pathology**  
**Test Compound:** Sulfolane  
**CAS Number:** 126-33-0

**Date Report Requested:** 11/14/2018  
**Time Report Requested:** 08:02:00  
**Lab:** Battelle

**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
<b>Disposition Summary</b>							
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	
Number of Animals Examined	10	10	10	10	10	10	11
<b>ALIMENTARY SYSTEM</b>							
ESOPHAGUS	(10)	(10)	(10)	(10)	(10)	(10)	(11)
GALL BLADDER	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, LARGE, CECUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, LARGE, COLON	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, LARGE, RECTUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, SMALL, DUODENUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, SMALL, ILEUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, SMALL, JEJUNUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LIVER	(10)	(10)	(10)	(10)	(10)	(10)	(11)
MESENTERY	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PANCREAS	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PHARYNX	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SALIVARY GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
STOMACH	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TONGUE	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TOOTH	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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	Male						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
CARDIOVASCULAR SYSTEM							
BLOOD VESSEL	(10)	(10)	(10)	(10)	(10)	(10)	(11)
HEART	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PERICARDIUM	(10)	(10)	(10)	(10)	(10)	(9)	(10)
ENDOCRINE SYSTEM							
ADRENAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PARATHYROID GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PITUITARY GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
THYROID GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
GENERAL BODY SYSTEM							
CAVITY, ABDOMINAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)
CAVITY, THORACIC	(10)	(10)	(10)	(10)	(10)	(10)	(10)
NASAL CAVITY	(10)	(10)	(10)	(10)	(10)	(10)	(10)
TISSUE NOT OTHERWISE SPECIFIED	(10)	(0)	(0)	(0)	(0)	(0)	(5)
WHOLE BODY	(10)	(10)	(10)	(10)	(10)	(10)	(11)
GENITAL SYSTEM							
COAGULATING GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
EPIDIDYMIS, LEFT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
EPIDIDYMIS, RIGHT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PENIS	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PREPUTIAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PROSTATE GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SEMINAL VESICLE	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TESTIS, LEFT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TESTIS, RIGHT	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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Male								
Treatment Groups (mg/kg)								
	0	1	10	30	100	300	800	
HEMATOPOIETIC SYSTEM								
BLOOD	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
BONE MARROW	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, BRONCHIAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, MANDIBULAR	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, MEDIASTINAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, MESENTERIC	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
THYMUS	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTEGUMENTARY SYSTEM								
MAMMARY GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SKIN	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPHOID SYSTEM								
None								
MUSCULOSKELETAL SYSTEM								
BONE	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SKELETAL MUSCLE	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NERVOUS SYSTEM								
BRAIN	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NERVE, SCIATIC	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NERVE, TRIGEMINAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SPINAL CORD	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
RESPIRATORY SYSTEM								
LARYNX	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LUNGS	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TRACHEA	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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**Lab:** Battelle

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**Male**

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**Treatment Groups (mg/kg)**

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	<b>0</b>	<b>1</b>	<b>10</b>	<b>30</b>	<b>100</b>	<b>300</b>	<b>800</b>
<b>SPECIAL SENSES SYSTEM</b>							
EYE	(10)	(10)	(10)	(10)	(10)	(10)	(11)
HARDERIAN GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LACRIMAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
ZYMBALS GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
<b>URINARY SYSTEM</b>							
KIDNEY, LEFT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
KIDNEY, RIGHT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
URETER	(10)	(10)	(10)	(10)	(10)	(10)	(11)
URINARY BLADDER	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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Female

Treatment Groups (mg/kg)

	0	1	10	30	100	300	800
<b>Disposition Summary</b>							
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
Number of Animals Examined	10	10	10	10	10	10	11
<b>ALIMENTARY SYSTEM</b>							
ESOPHAGUS	(10)	(10)	(10)	(10)	(10)	(10)	(11)
GALL BLADDER	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, LARGE, CECUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, LARGE, COLON	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, LARGE, RECTUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, SMALL, DUODENUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, SMALL, ILEUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTESTINE, SMALL, JEJUNUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LIVER	(10)	(10)	(10)	(10)	(10)	(10)	(11)
MESENTERY	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PANCREAS	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PHARYNX	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SALIVARY GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
STOMACH	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TONGUE	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TOOTH	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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	Female						
	Treatment Groups (mg/kg)						
	0	1	10	30	100	300	800
<b>CARDIOVASCULAR SYSTEM</b>							
BLOOD VESSEL	(10)	(10)	(10)	(10)	(10)	(10)	(11)
HEART	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PERICARDIUM	(10)	(10)	(10)	(10)	(10)	(10)	(11)
<b>ENDOCRINE SYSTEM</b>							
ADRENAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PARATHYROID GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
PITUITARY GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
THYROID GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
<b>GENERAL BODY SYSTEM</b>							
CAVITY, ABDOMINAL	(10)	(10)	(10)	(10)	(10)	(10)	(11)
CAVITY, THORACIC	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NASAL CAVITY	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TISSUE NOT OTHERWISE SPECIFIED	(1)	(0)	(0)	(0)	(0)	(0)	(0)
WHOLE BODY	(10)	(10)	(10)	(10)	(10)	(10)	(11)
<b>GENITAL SYSTEM</b>							
CLITORAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
OVARY, LEFT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
OVARY, RIGHT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
OVIDUCT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
UTERUS	(10)	(10)	(10)	(10)	(10)	(10)	(11)
VAGINA	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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Female								
Treatment Groups (mg/kg)								
	0	1	10	30	100	300	800	
HEMATOPOIETIC SYSTEM								
BLOOD	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
BONE MARROW	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, BRONCHIAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, MANDIBULAR	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, MEDIASTINAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPH NODE, MESENTERIC	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
THYMUS	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
INTEGUMENTARY SYSTEM								
MAMMARY GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SKIN	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LYMPHOID SYSTEM								
None								
MUSCULOSKELETAL SYSTEM								
BONE	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SKELETAL MUSCLE	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NERVOUS SYSTEM								
BRAIN	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NERVE, SCIATIC	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
NERVE, TRIGEMINAL	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
SPINAL CORD	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
RESPIRATORY SYSTEM								
LARYNX	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LUNGS	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)
TRACHEA	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(11)



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**Lab:** Battelle

Female

Treatment Groups (mg/kg)

	0	1	10	30	100	300	800
<b>SPECIAL SENSES SYSTEM</b>							
EYE	(10)	(10)	(10)	(10)	(10)	(10)	(11)
UNILATERAL; DISCOLORATION; WHITE				1			
HARDERIAN GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
LACRIMAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
ZYMBALS GLAND	(10)	(10)	(10)	(10)	(10)	(10)	(11)
<b>URINARY SYSTEM</b>							
KIDNEY, LEFT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
KIDNEY, RIGHT	(10)	(10)	(10)	(10)	(10)	(10)	(11)
URETER	(10)	(10)	(10)	(10)	(10)	(10)	(11)
URINARY BLADDER	(10)	(10)	(10)	(10)	(10)	(10)	(11)

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LEGEND

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Number of animals examined given for each tissue

Number of animals affected given for each observation

SD – Study Day

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