

**Experiment Number:** 20536 - 02

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

**Date Report Requested:** 09/13/2012

**Test Type:** 39-WEEK

Abrasive blasting agents (specular hematite)

**Time Report Requested:** 10:34:30

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**CAS Number:** HEMATITESPEC

**First Dose M/F:** 07/27/09 / NA

**Species/Strain:** RATS/HSD

**Lab:** BNW

F1\_Rev.1\_39 Wk Core\_HSD

**NTP Study Number:** C20536  
**Lock Date:** 07/19/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** 25021 TSAC  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** 02/08/2012

25019 MSAC

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Harlan Sprague Dawley RATS MALE	Control	15 mg/m3	30 mg/m3	60 mg/m3
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**Disposition Summary**

Animals Initially In Study	62	62	62	62
Early Deaths				
Moribund Sacrifice	1			1
Survivors				
Terminal Sacrifice	8	8	8	8
Animals Examined Microscopically	9	8	8	9

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ALIMENTARY SYSTEM

Liver	(0)	(1)	(0)	(0)
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CARDIOVASCULAR SYSTEM

None

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ENDOCRINE SYSTEM

None

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GENERAL BODY SYSTEM

None

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GENITAL SYSTEM

None

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HEMATOPOIETIC SYSTEM

Lymph Node	(0)	(1)	(2)	(1)
Lymph Node, Bronchial	(5)	(7)	(8)	(8)

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

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Lymph Node, Mediastinal	(9)	(8)	(7)	(9)
<b>INTEGUMENTARY SYSTEM</b>				
Skin	(0)	(0)	(0)	(1)
Basal Cell Carcinoma				1 (100%)
<b>MUSCULOSKELETAL SYSTEM</b>				
None				
<b>NERVOUS SYSTEM</b>				
None				
<b>RESPIRATORY SYSTEM</b>				
Larynx	(9)	(8)	(8)	(9)
Lung	(9)	(8)	(8)	(9)
Mediastinum, Hemangiosarcoma	1 (11%)			
Nose	(9)	(8)	(8)	(9)
Trachea	(9)	(7)	(8)	(9)
<b>SPECIAL SENSES SYSTEM</b>				
None				
<b>URINARY SYSTEM</b>				
Kidney	(0)	(0)	(1)	(0)

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**Tumor Summary for Males**

Total Animals with Primary Neoplasms (b)

1

1

Total Primary Neoplasms

1

1

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

1

1

Total Malignant Neoplasms

1

1

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms  
Uncertain Primary Site

Total Animals with Neoplasms Uncertain-  
Benign or Malignant

Total Uncertain Neoplasms

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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