

Experiment Number: 20213 - 02

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

Date Report Requested: 03/20/2012

Test Type: 39-WEEK

Abrasive blasting agents (blasting sand)

Time Report Requested: 13:33:37

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: BLASTINGSAND

First Dose M/F: 04/20/09 / NA

Species/Strain: RATS/HSD

Lab: BNW

F1_39 Wk. Core

NTP Study Number: C20213
Lock Date: 08/17/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25021 TSAC
Removal Date Range: 01-Jan-2007 - 31-Dec-2011
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

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Harlan Sprague Dawley RATS MALE

Control

15 mg/m3

30 mg/m3

60 mg/m3

Disposition Summary

Animals Initially In Study

62

62

62

62

Early Deaths

Survivors

Terminal Sacrifice

8

8

8

8

Animals Examined Microscopically

8

8

8

8

ALIMENTARY SYSTEM

Intestine Small, Ileum

(8)

(8)

(8)

(7)

Intestine Small, Jejunum

(8)

(6)

(7)

(7)

Liver

(1)

(0)

(0)

(0)

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Testes

(0)

(0)

(1)

(0)

HEMATOPOIETIC SYSTEM

Lymph Node

(0)

(1)

(0)

(1)

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

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Harlan Sprague Dawley RATS MALE	Control	15 mg/m3	30 mg/m3	60 mg/m3
Lymph Node, Bronchial	(7)	(5)	(7)	(8)
Lymph Node, Mediastinal	(7)	(8)	(8)	(8)
INTEGUMENTARY SYSTEM				
None				
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Larynx	(8)	(8)	(8)	(8)
Lung	(8)	(8)	(8)	(8)
Nose	(8)	(8)	(8)	(8)
Trachea	(8)	(8)	(8)	(8)
SPECIAL SENSES SYSTEM				
Lacrimal Gland	(1)	(0)	(0)	(0)
URINARY SYSTEM				
None				

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60 mg/m3

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

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

*** 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