

Experiment Number: 20213 - 02
Test Type: 39-WEEK
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/HSD

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Abrasive blasting agents (blasting sand)

CAS Number: BLASTINGSAND

Date Report Requested: 03/20/2012

Time Report Requested: 13:29:21

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

Lab: BNW

F1_26 Wk. SSAC

NTP Study Number: C20213
Lock Date: 08/17/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: 16-Oct-2009 - 16-Oct-2009
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
Scheduled Sacrifice	8	8	8	8
Early Deaths				
Survivors				
Animals Examined Microscopically	8	8	8	8
ALIMENTARY SYSTEM				
Intestine Small, Ileum	(0)	(0)	(1)	(0)
CARDIOVASCULAR SYSTEM				
None				
ENDOCRINE SYSTEM				
Adrenal Cortex	(0)	(0)	(0)	(1)
Hyperplasia, Lymphoid				1 (100%)
GENERAL BODY SYSTEM				
None				
GENITAL SYSTEM				
None				
HEMATOPOIETIC SYSTEM				
Lymph Node, Bronchial	(7)	(8)	(8)	(8)
Fibrosis			1 (13%)	1 (13%)

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
Foreign Body		6 (75%)	5 (63%)	8 (100%)
Infiltration Cellular, Histiocyte		6 (75%)	5 (63%)	8 (100%)
Pigmentation			1 (13%)	
Lymph Node, Mediastinal	(8)	(8)	(7)	(7)
Fibrosis				2 (29%)
Foreign Body		6 (75%)	7 (100%)	7 (100%)
Infiltration Cellular, Histiocyte		6 (75%)	7 (100%)	7 (100%)
Pigmentation	2 (25%)		1 (14%)	1 (14%)
INTEGUMENTARY SYSTEM				
Skin	(0)	(0)	(0)	(1)
Inflammation, Chronic Active				1 (100%)
MUSCULOSKELETAL SYSTEM				
None				
NERVOUS SYSTEM				
None				
RESPIRATORY SYSTEM				
Larynx	(8)	(8)	(8)	(8)
Lung	(8)	(8)	(8)	(8)
Foreign Body		8 (100%)	8 (100%)	8 (100%)
Infiltration Cellular, Histiocyte	4 (50%)	8 (100%)	8 (100%)	8 (100%)
Inflammation, Chronic Active	2 (25%)	7 (88%)	7 (88%)	8 (100%)
Proteinosis				1 (13%)
Alveolar Epithelium, Hyperplasia		8 (100%)	8 (100%)	8 (100%)
Interstitial, Fibrosis		8 (100%)	7 (88%)	8 (100%)
Nose	(8)	(8)	(8)	(8)

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Olfactory Epithelium, Accumulation, Hyaline Droplet	8 (100%)	8 (100%)	8 (100%)	8 (100%)
Respiratory Epithelium, Accumulation, Hyaline Droplet	6 (75%)	8 (100%)	8 (100%)	8 (100%)
Respiratory Epithelium, Inflammation	1 (13%)			
Trachea	(8)	(8)	(8)	(8)
Glands, Inflammation, Suppurative				1 (13%)

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

*** END OF REPORT ***