

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

P04: NEOPLASMS BY INDIVIDUAL ANIMAL
Abrasive blasting agents (blasting sand)
CAS Number: BLASTINGSAND

Date Report Requested: 03/20/2012
Time Report Requested: 13:33:37
First Dose M/F: 04/20/09 / NA
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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		0	0	0	0	0	0	0	0
DAY ON TEST		2	2	2	2	2	2	2	2
HARLAN SPRAGUE DAWLEY RATS		7	7	7	7	7	7	7	7
MALE		1	1	1	1	1	1	1	1
Control									
ANIMAL ID		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		1	1	2	2	3	5	5	5
		0	6	1	3	6	3	7	9
									* TOTALS

ALIMENTARY SYSTEM

Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	8
Liver			+						1

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	+	+	+	M	+	+	+	+	7
Lymph Node, Mediastinal	I	+	+	+	+	+	+	+	7

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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	DAY ON TEST	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
HARLAN SPRAGUE DAWLEY RATS		7	7	7	7	7	7	7	7	
MALE		1	1	1	1	1	1	1	1	
Control	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		1	1	2	2	3	5	5	5	
		0	6	1	3	6	3	7	9	
* TOTALS										

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8

SPECIAL SENSES SYSTEM

Lacrimal Gland						+			1
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URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	8
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	DAY ON TEST	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
HARLAN SPRAGUE DAWLEY RATS		7	7	7	7	7	7	7	7	
MALE		1	1	1	1	1	1	1	1	
15 mg/m3	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		1	1	2	2	3	5	5	5	
		0	6	1	3	6	3	7	9	
* TOTALS										

ALIMENTARY SYSTEM

Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	M	+	M	+	+	+	+	6

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node					+					1
Lymph Node, Bronchial	M	+	+	I	+	+	M	+	5	
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	8	

INTEGUMENTARY SYSTEM

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 Lab: BNW

HARLAN SPRAGUE DAWLEY RATS MALE 15 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		7	7	7	7	7	7	7	7	
		1	1	1	1	1	1	1		
	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0		
		2	2	2	2	2	2	2	2	
		1	1	2	2	3	5	5		
		0	6	1	3	6	3	7	9	
* TOTALS										

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	8
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		0	0	0	0	0	0	0	0
DAY ON TEST		2	2	2	2	2	2	2	2
HARLAN SPRAGUE DAWLEY RATS		7	7	7	7	7	7	7	7
MALE		1	1	1	1	1	1	1	1
30 mg/m3									
ANIMAL ID		0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		4	4	4	4	4	4	4	4
		1	1	2	2	3	5	5	5
		0	6	1	3	6	3	7	9
									* TOTALS

ALIMENTARY SYSTEM

Intestine Small, Ileum	+	+	+	+	+	+	+	+	8
Intestine Small, Jejunum	+	+	+	+	+	+	M	+	7

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Testes						+			1
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HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	+	+	+	+	+	+	M	+	7
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

NONE

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
 X .. Lesion present
 I .. Insufficient tissue

M .. Missing tissue
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 Lab: BNW

HARLAN SPRAGUE DAWLEY RATS MALE 30 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
	ANIMAL ID	2	2	2	2	2	2	2	2	
		7	7	7	7	7	7	7	7	
		1	1	1	1	1	1	1	1	
		0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		4	4	4	4	4	4	4	4	
		1	1	2	2	3	5	5	5	
		0	6	1	3	6	3	7	9	
* TOTALS										

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	8
----------------	---	---	---	---	---	---	---	---	----------

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	DAY ON TEST	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
HARLAN SPRAGUE DAWLEY RATS		7	7	7	7	7	7	7	7	
MALE		1	1	1	1	1	1	1	1	
60 mg/m3	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	6	
		1	1	2	2	3	5	5	5	
		0	6	1	3	6	3	7	9	
* TOTALS										

ALIMENTARY SYSTEM

Intestine Small, Ileum	+	+	+	M	+	+	+	+	7
Intestine Small, Jejunum	+	+	+	+	+	+	I	+	7

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node									1
Lymph Node, Bronchial	+	+	+	+	+	+	+	+	8
Lymph Node, Mediastinal	+	+	+	+	+	+	+	+	8

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
 + .. Tissue examined microscopically
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 Lab: BNW

HARLAN SPRAGUE DAWLEY RATS MALE 60 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		7	7	7	7	7	7	7	7	
		1	1	1	1	1	1	1		
	ANIMAL ID	0	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0		
		6	6	6	6	6	6	6	6	
		1	1	2	2	3	5	5		
		0	6	1	3	6	3	7	9	
* TOTALS										

NONE

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8
Lung	+	+	+	+	+	+	+	+	8
Nose	+	+	+	+	+	+	+	+	8
Trachea	+	+	+	+	+	+	+	+	8

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

SYSTEMIC LESIONS

Multiple Organ	+	+	+	+	+	+	+	+	8
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