

Experiment Number: 20536 - 02
Test Type: 39-WEEK
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/HSD

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 10:24:01
First Dose M/F: 07/27/09 / NA
Lab: BNW

F1_Rev.1_4 Wk. SSAC

NTP Study Number: C20536
Lock Date: 07/19/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: 25017 SSAC
Removal Date Range: 21-Aug-2009 - 21-Aug-2009
Treatment Groups: Include ALL
Study Gender: Male
TDMSE Version: 2.6.0.0_007
PWG Approval Date: 02/08/2012

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

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

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

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + .. Tissue examined microscopically
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DAY ON TEST	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
HARLAN SPRAGUE DAWLEY RATS MALE	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6
Control	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0
ANIMAL ID	0	0	0	0	0	0	0	0
	0	0	1	3	4	4	5	6
	2	9	2	7	6	9	7	1
								* TOTALS

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8	
Lung	+	+	+	+	+	+	+	+	8	
Infiltration Cellular, Histiocyte				1						1 1.0
Nose	+	+	+	+	+	+	+	+	8	
Foreign Body								X		1
Inflammation, Suppurative								1		1 1.0
Trachea	+	+	+	+	+	+	+	+	8	

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

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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	
		0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	
		6	6	6	6	6	6	6	6	
	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	
		0	0	1	3	4	4	5	6	
		2	9	2	7	6	9	7	1	
* TOTALS										

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	+	+	+	+	+	+	+	+	8
Lymph Node, Mediastinal	+	+	+	+	M	M	+	+	6

INTEGUMENTARY SYSTEM

NONE

MUSCULOSKELETAL SYSTEM

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

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8	
Foreign Body	X		X	X	X	X	X	X		7
Epiglottis, Metaplasia, Squamous	1									1 1.0
Lung	+	+	+	+	+	+	+	+	8	
Foreign Body	X	X	X	X	X	X	X	X		8
Infiltration Cellular, Histiocyte				1						1 1.0
Metaplasia, Osseous		1								1 1.0
Nose	+	+	+	+	+	+	+	+	8	
Trachea	+	+	+	+	+	+	+	+	8	

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

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 Lab: BNW

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

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	+	+	+	+	M	+	+	+	7
Foreign Body	X			X					2
Lymph Node, Mediastinal	+	+	+	+	+	M	+	M	6

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NONE

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

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8	
Foreign Body	X	X	X	X	X	X	X	X		8
Epiglottis, Metaplasia, Squamous		1		1		1		1		4 1.0
Lung	+	+	+	+	+	+	+	+	8	
Foreign Body	X	X	X	X	X	X	X	X		8
Infiltration Cellular, Histiocyte		1								1 1.0
Metaplasia, Osseous							1			1 1.0
Nose	+	+	+	+	+	+	+	+	8	
Trachea	+	+	+	+	I	+	+	+	7	

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

NONE

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 + .. Tissue examined microscopically
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DAY ON TEST	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
HARLAN SPRAGUE DAWLEY RATS MALE	2	2	2	2	2	2	2	2	
	6	6	6	6	6	6	6	6	
60 mg/m3	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	
ANIMAL ID	6	6	6	6	6	6	6	6	
	0	0	1	3	4	4	5	6	
	2	9	2	7	6	9	7	1	
									* TOTALS

ALIMENTARY SYSTEM

NONE

CARDIOVASCULAR SYSTEM

NONE

ENDOCRINE SYSTEM

NONE

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

NONE

HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	+	+	+	+	+	+	+	+	8	
Foreign Body	X	X		X			X	X		5
Lymph Node, Mediastinal	M	M	I	+	+	+	+	+	5	
Foreign Body								X		1

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NONE

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 Lab: BNW

DAY ON TEST	0	0	0	0	0	0	0	0	HARLAN SPRAGUE DAWLEY RATS MALE 60 mg/m3	ANIMAL ID	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2			0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6			6	6	6	6	6	6	6	6
											0	0	1	3	4	4	5	6
											2	9	2	7	6	9	7	1
										* TOTALS								

MUSCULOSKELETAL SYSTEM

NONE

NERVOUS SYSTEM

NONE

RESPIRATORY SYSTEM

Larynx	+	+	+	+	+	+	+	+	8	
Foreign Body	X	X	X	X	X	X	X	X		8
Epiglottis, Metaplasia, Squamous	1				1	1	1	1		5 1.0
Lung	+	+	+	+	+	+	+	+	8	
Foreign Body	X	X	X	X	X	X	X	X		8
Infiltration Cellular, Histiocyte	1	1	1	1	1	1	1	1		8 1.0
Inflammation, Chronic Active		1								1 1.0
Nose	+	+	+	+	+	+	+	+	8	
Inflammation, Focal, Chronic Active						1				1 1.0
Trachea	+	+	+	+	+	+	+	+	8	

SPECIAL SENSES SYSTEM

NONE

URINARY SYSTEM

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HARLAN SPRAGUE DAWLEY RATS MALE 60 mg/m3	DAY ON TEST	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2
		6	6	6	6	6	6	6	6
	ANIMAL ID	0	0	0	0	0	0	0	
		0	0	0	0	0	0	0	
		6	6	6	6	6	6	6	
		0	0	1	3	4	4	5	6
		2	9	2	7	6	9	7	1
									* TOTALS

NONE

*** END OF REPORT ***

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