

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

FP14_Rev.1

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

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Mediastinal

Pigmentation

Hemosiderin, Mild

[Pigmentation TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Nose

MISSING

* Lymph Node, Mediastinal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Trachea

INSUFFICIENT TISSUE

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Marked

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Nose

INSUFFICIENT TISSUE

* Lymph Node, Mediastinal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Lymph Node, Mediastinal

Pigmentation

Hemosiderin, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet

Mild
Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Trachea

OBSERVATIONS

* Larynx

Glands

Inflammation

Suppurative, Minimal

* Lymph Node, Bronchial

Pigmentation

Hemosiderin, Mild

* Lymph Node, Mediastinal

Pigmentation

Hemosiderin, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Animal Note: TGL 1 - NCL

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Lung

Alveolar Epith

Hyperplasia
Infiltration Cellular

Minimal
Histiocyte, Minimal

* Lymph Node, Bronchial

Pigmentation

Hemosiderin, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Mediastinal

* Trachea

INSUFFICIENT TISSUE

* Lymph Node, Bronchial

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

INSUFFICIENT TISSUE

* Trachea

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

Inflammation

Chronic Active, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 253

DOSE: Control

DISP: Moribund Sacrifice

HISTO: 61807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Interstitium

Fibrosis

Minimal

Mediastinum

Hemangiosarcoma

Alveolar Epith

Hyperplasia

Mild

Bronchiole

Hypertrophy

Mild

Infiltration Cellular

Moderate

Necrosis

Minimal

[Hemangiosarcoma TGLs = 1-5]

[Infiltration Cellular TGLs = 2-2]

* Nose

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung

Infiltration Cellular

Histiocyte, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Larynx

Glands

Concretion

* Lung

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Larynx

Glands

Concretion

* Lymph Node, Mediastinal

Pigmentation

Hemosiderin, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 51

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Mediastinal

* Trachea

INSUFFICIENT TISSUE

* Lymph Node, Bronchial

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 52

TRT#: 1

SEX: Male

DAY ON TEST: 110

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 180

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Inflammation

Minimal
Minimal
Chronic Active, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 57

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Nose

MISSING

* Lymph Node, Mediastinal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 60

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 61

TRT#: 1

SEX: Male

DAY ON TEST: 26

DOSE: Control

DISP: Scheduled Sacrifice

HISTO: 61834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

OBSERVATIONS

* Nose

Foreign Body
Inflammation

Suppurative, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 62

TRT#: 1

SEX: Male

DAY ON TEST: 271

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 61835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Lymph Node, Bronchial

Pigmentation

Hemosiderin, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 202

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 206

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 61965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 207

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

OBSERVATIONS

Lacrimal Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLs = 2-6]			
* Larynx	Epithelium	Foreign Body Hyperplasia Inflammation Ulcer	Mild Chronic Active, Moderate Mild
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLs = 3-8]			
* Lung	Alveolar Epith	Foreign Body Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
[Foreign Body TGLs = 4-2, 3]			
* Lymph Node, Bronchial		Foreign Body	
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLs = 1-7]			
* Trachea		Foreign Body Inflammation	Chronic Active, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 209

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung

Foreign Body
Metaplasia

Osseous, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 210

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 61969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Liver

Degeneration

Minimal

[Degeneration TGLs = 1-6]

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Pigmentation

Hemosiderin, Moderate

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Mild

Pigmentation

Hemosiderin, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 212

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 213

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

* Larynx			Foreign Body	
* Lung			Foreign Body	
		Alveolar Epith	Hyperplasia	Minimal
			Infiltration Cellular	Histiocyte, Minimal
	[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Bronchial			Foreign Body	
	[Foreign Body TGLs = 3-2]			
* Nose		Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Respirat Epith	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 218

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung		Foreign Body	
		Infiltration Cellular	Histiocyte, Minimal
	[Foreign Body TGLs = 1-2, 3]		
Lymph Node	Renal	Hemorrhage	Minimal
	[Hemorrhage TGLs = 3-6]		
* Lymph Node, Bronchial		Foreign Body	
	[Foreign Body TGLs = 2-2]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 219

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 221

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Glands

Concretion

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

Pigmentation

Hemosiderin, Mild

[Foreign Body TGLs = 3-2]

* Lymph Node, Mediastinal

Pigmentation

Hemosiderin, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 223

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 61982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 224

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 227

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 61986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
[Foreign Body TGLs = 3-2, 3]			
Lymph Node	Renal	Congestion	Mild
	Pancreatic	Congestion	Minimal
[Congestion TGLs = 1-6]			
[Congestion TGLs = 2-7]			
* Lymph Node, Bronchial		Foreign Body	
		Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 229

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

Inflammation

Chronic Active, Minimal

Metaplasia

Osseous, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

Foreign Body

* Lymph Node, Mediastinal

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 230

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 61989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

* Lung

Alveolar Epith

Foreign Body

Foreign Body

Hyperplasia

Infiltration Cellular

Inflammation

Minimal

Histiocyte, Mild

Chronic Active, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Infiltration Cellular

Mild

Histiocyte, Moderate

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 232

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 61991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 233

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 235

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 237

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 239

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

[Foreign Body TGLs = 1-2]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 243	TRT#: 2	SEX: Male	DAY ON TEST: 180
	DOSE: 15 mg/m3	DISP: Scheduled Sacrifice	HISTO: 62002

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
	[Foreign Body TGLs = 1-2, 3]		
* Lymph Node, Bronchial		Foreign Body	
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mediastinal		Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
	[Foreign Body TGLs = 2-5]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
* Trachea	Glands	Inflammation	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 244

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Mediastinal		Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Foreign Body TGLs = 2-5]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 246

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Nose

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 247

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Foreign Body TGLs = 2-2, 3]			
* Lymph Node, Mediastinal		Foreign Body	
		Infiltration Cellular	Histiocyte, Moderate
[Foreign Body TGLs = 3-5]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 249

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Nose

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 251

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 252

TRT#: 2

SEX: Male

DAY ON TEST: 110

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Mild

[Foreign Body TGLs = 3-2]

* Lymph Node, Mediastinal

Foreign Body

Pigmentation

Hemosiderin, Minimal

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 255

TRT#: 2

SEX: Male

DAY ON TEST: 180

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 257

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 260

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 62019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

INSUFFICIENT TISSUE

* Trachea

OBSERVATIONS

* Larynx	Glands	Concretion	
		Foreign Body	
* Lung	Alveolar Epith	Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Mediastinal		Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 261

TRT#: 2

SEX: Male

DAY ON TEST: 26

DOSE: 15 mg/m3

DISP: Scheduled Sacrifice

HISTO: 62020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 262

TRT#: 2

SEX: Male

DAY ON TEST: 271

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 62021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 402

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Bronchial

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 406

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Interstitialium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 407

TRT#: 3

SEX: Male

DAY ON TEST: 180

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Small, Ileum

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 409

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 410

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 1-6]		
* Larynx		Foreign Body	
		Metaplasia	Squamous, Minimal
* Lung		Fibrosis	Minimal
		Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
	[Foreign Body TGLs = 2-2, 3]		
* Lymph Node, Bronchial		Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Moderate
	[Foreign Body TGLs = 3-2]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 412

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 413

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

* Larynx			Foreign Body	
		Epiglottis	Metaplasia	Squamous, Minimal
* Lung			Foreign Body	
		Alveolar Epith	Hyperplasia	Minimal
			Infiltration Cellular	Histiocyte, Minimal
	[Foreign Body	TGLs = 1-2, 3]		
* Lymph Node, Bronchial			Foreign Body	
			Hyperplasia	Mild
			Infiltration Cellular	Histiocyte, Moderate
	[Foreign Body	TGLs = 3-2]		
* Nose		Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Respirat Epith	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 418

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 419

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

Pigmentation

Hemosiderin, Mild

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-5]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 421

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 423

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 424

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Glands

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Inflammation

Suppurative, Focal, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 427

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Marked

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 429

TRT#: 3

SEX: Male

DAY ON TEST: 180

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 430

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Minimal

Alveolar Epi

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 432

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx		Foreign Body	
	Glands	Inflammation	Chronic Active, Minimal
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung	Interstitium	Fibrosis	Minimal
	Alveolar Epith	Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
	[Foreign Body TGLs = 3-2, 3]		
Lymph Node	Pancreatic	Congestion	Mild
	[Congestion TGLs = 2-6]		
* Lymph Node, Bronchial		Foreign Body	
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
	[Foreign Body TGLs = 1-2]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 433

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 435

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Glands

Foreign Body

Inflammation

Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-5, 4-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 437

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

* Lymph Node, Bronchial

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 439	TRT#: 3	SEX: Male	DAY ON TEST: 180
	DOSE: 30 mg/m3	DISP: Scheduled Sacrifice	HISTO: 61936
OBSERVATIONS			
* Larynx		Foreign Body	
* Lung	Alveolar Epith	Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Bronchial		Foreign Body	
		Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mediastinal		Foreign Body	
		Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Hemosiderin, Moderate
[Pigmentation TGLs = 2-5]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Chronic Active, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Trachea		Foreign Body	
		Inflammation	Chronic Active, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 443	TRT#: 3 DOSE: 30 mg/m3	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 180 HISTO: 61940
OBSERVATIONS			
* Larynx	Glands	Concretion Foreign Body	
	Glands Epiglottis	Inflammation Metaplasia	Suppurative, Minimal Squamous, Minimal
* Lung	Alveolar Epith	Foreign Body Hyperplasia Infiltration Cellular	Minimal Histiocyte, Mild
[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Bronchial		Foreign Body Hyperplasia Infiltration Cellular	Minimal Histiocyte, Moderate
* Lymph Node, Mediastinal		Foreign Body Hyperplasia Infiltration Cellular	Minimal Histiocyte, Moderate
[Foreign Body TGLs = 2-5]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Trachea		Foreign Body Inflammation Metaplasia	Chronic Active, Minimal Osseous, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 444	TRT#: 3 DOSE: 30 mg/m3	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 180 HISTO: 61941
OBSERVATIONS			
* Larynx		Foreign Body	
* Lung	Alveolar Epith	Foreign Body Hyperplasia Infiltration Cellular	Minimal Histiocyte, Mild
[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Bronchial		Foreign Body Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mediastinal		Foreign Body Infiltration Cellular	Histiocyte, Moderate
[Foreign Body TGLs = 2-5]			
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Minimal Minimal
* Trachea		Foreign Body Inflammation	Chronic Active, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 446

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

* Nose

MISSING

* Lymph Node, Bronchial

INSUFFICIENT TISSUE

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 447

TRT#: 3

SEX: Male

DAY ON TEST: 180

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

INSUFFICIENT TISSUE

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx	Glands	Concretion	
		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
	[Foreign Body TGLs = 1-2, 3]		
* Lymph Node, Mediastinal		Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Moderate
	[Foreign Body TGLs = 2-5]		
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 449

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Nose

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 451

TRT#: 3

SEX: Male

DAY ON TEST: 180

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Alveolar/Bronchiolar Adenoma

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 452

TRT#: 3

SEX: Male

DAY ON TEST: 110

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Minimal

[Foreign Body TGLs = 2-2, 3]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 455

TRT#: 3

SEX: Male

DAY ON TEST: 180

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

* Larynx		Foreign Body	
* Lung		Foreign Body	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
	[Foreign Body TGLs = 1-2, 3]		
* Lymph Node, Bronchial		Foreign Body	
		Infiltration Cellular	Histiocyte, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 457

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Metaplasia

Osseous, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 460

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2, 3]

Lymph Node

Pancreatic

Congestion

Mild

[Congestion TGLs = 1-6]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Marked

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Marked

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 461

TRT#: 3

SEX: Male

DAY ON TEST: 26

DOSE: 30 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Nose

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 462

TRT#: 3

SEX: Male

DAY ON TEST: 271

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 61959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung	Interstitium	Fibrosis	Minimal
	Alveolar Epith	Foreign Body	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Foreign Body TGLs = 1-2+3]			
* Lymph Node, Bronchial		Foreign Body	
		Infiltration Cellular	Histiocyte, Mild
[Foreign Body TGLs = 2-2]			
* Lymph Node, Mediastinal		Foreign Body	
		Infiltration Cellular	Histiocyte, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 602

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Epiglottis

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Bronchial

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 606

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Marked

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 607

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 3-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 609

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose

* Trachea

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

Inflammation

Chronic Active, Minimal

* Lymph Node, Bronchial

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 610

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

Pigmentation

Hemosiderin, Mild

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Marked

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 612

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Nose

* Trachea

INSUFFICIENT TISSUE

* Lymph Node, Mediastinal

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 613

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 618

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 3-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 619

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

* Lung

Alveolar Epith

Foreign Body

Foreign Body

Hyperplasia

Infiltration Cellular

Inflammation

Minimal

Histiocyte, Mild

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Infiltration Cellular

Moderate

Histiocyte, Moderate

[Foreign Body TGLs = 3-5]

* Nose

Olfactory Epi

Respirat Epith

Accumulation, Hyaline Droplet

Accumulation, Hyaline Droplet

Minimal

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 621

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-5]

* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 623

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Interstitium

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 2-2, 3]

Lymph Node

Congestion

Minimal

[Congestion TGLs = 1-6]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 4-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 624

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

Alveolar Epith

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 627

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Interstitial

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 629

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Goblet Cell

Hyperplasia

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 630

TRT#: 4

SEX: Male

DAY ON TEST: 253

DOSE: 60 mg/m3

DISP: Moribund Sacrifice

HISTO: 61865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Interstitialium

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Inflammation

Chronic Active, Marked

[Foreign Body TGLs = 4-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Nose

Accumulation, Hyaline Droplet

Moderate

Skin

Basal Cell Carcinoma

[Basal Cell Carcinoma TGLs = 3-6, 7]

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 632

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

Ulcer

Minimal

* Lung

Interstitium

Atelectasis

Chronic, Minimal

Fibrosis

Mild

Foreign Body

Alveolar Epith

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Marked

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 633

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

* Lung

Alveolar Epith

Foreign Body

Foreign Body

Hyperplasia

Infiltration Cellular

Inflammation

Minimal

Histiocyte, Mild

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Infiltration Cellular

Mild

Histiocyte, Mild

[Foreign Body TGLs = 3-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 635

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 637

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Bronchial

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 639

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx

* Lung

Alveolar Epith

Foreign Body

Foreign Body

Hyperplasia

Infiltration Cellular

Inflammation

Mild

Histiocyte, Mild

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Infiltration Cellular

Moderate

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

* Trachea

Foreign Body

Inflammation

Chronic Active, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 643

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Mild

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 644

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Interstitialium

Fibrosis

Minimal

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 646

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 647

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Small, Ileum

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Metaplasia

Osseous, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 649

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

* Nose

Inflammation

Chronic Active, Focal, Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 651

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal * Trachea

OBSERVATIONS

* Larynx		Foreign Body	
	Epiglottis	Metaplasia	Squamous, Minimal
* Lung	Interstitium	Fibrosis	Mild
	Alveolar Epith	Foreign Body	
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Foreign Body TGLs = 1-2, 3]			
* Lymph Node, Bronchial		Foreign Body	
		Infiltration Cellular	Histiocyte, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 652

TRT#: 4

SEX: Male

DAY ON TEST: 110

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Alveolar Epith

Foreign Body

Hyperplasia

Minimal

Infiltration Cellular

Histiocyte, Mild

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-2]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 3-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 655

TRT#: 4

SEX: Male

DAY ON TEST: 180

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

Epiglottis

Interstitium

Alveolar Epith

[Foreign Body TGLs = 2-2, 3]

[Foreign Body TGLs = 3-3]

Olfactory Epi

Foreign Body

Metaplasia

Fibrosis

Foreign Body

Hyperplasia

Infiltration Cellular

Inflammation

Foreign Body

Infiltration Cellular

Foreign Body

Hyperplasia

Infiltration Cellular

Accumulation, Hyaline Droplet

Squamous, Minimal

Minimal

Mild

Histiocyte, Moderate

Chronic Active, Minimal

Histiocyte, Moderate

Mild

Histiocyte, Moderate

Minimal

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 657

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Mediastinal

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Bronchial

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 658

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

Epiglottis

Foreign Body

Metaplasia

Squamous, Minimal

* Lung

Interstitialium

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

Inflammation

Chronic Active, Minimal

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Bronchial

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 2-5]

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 660

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lymph Node, Bronchial

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

* Lung

Interstitial

Fibrosis

Mild

Alveolar Epith

Foreign Body

Hyperplasia

Mild

Infiltration Cellular

Histiocyte, Moderate

[Foreign Body TGLs = 1-2, 3]

* Lymph Node, Mediastinal

Foreign Body

Hyperplasia

Moderate

Infiltration Cellular

Histiocyte, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 661

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 60 mg/m3

DISP: Scheduled Sacrifice

HISTO: 61896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose

* Trachea

OBSERVATIONS

* Larynx

Foreign Body

Epiglottis

Metaplasia

Squamous, Minimal

* Lung

Foreign Body

Infiltration Cellular

Histiocyte, Minimal

* Lymph Node, Bronchial

Foreign Body

* Lymph Node, Mediastinal

Foreign Body

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

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive blasting agents (specular hematite)
CAS Number: HEMATITESPEC

Date Report Requested: 09/13/2012
Time Report Requested: 08:01:07
First Dose M/F: 07/27/09 / NA
Lab: BNW

ANIMAL ID: 662

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 60 mg/m3

DISP: Terminal Sacrifice

HISTO: 61897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Trachea

OBSERVATIONS

* Larynx

* Lung

Interstitial

Alveolar Epith

[Foreign Body TGLs = 2-2, 3]

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

[Foreign Body TGLs = 1-5]

* Nose

Olfactory Epi
Respirat Epith

Foreign Body

Fibrosis

Foreign Body

Hyperplasia

Infiltration Cellular

Inflammation

Foreign Body

Infiltration Cellular

Foreign Body

Hyperplasia

Infiltration Cellular

Accumulation, Hyaline Droplet

Accumulation, Hyaline Droplet

Mild

Mild

Histiocyte, Moderate

Chronic Active, Minimal

Histiocyte, Moderate

Moderate

Histiocyte, Moderate

Marked

Minimal

*** END OF REPORT ***