

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

NTP Study Number: C20213
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: 3.0.2.3_002
PWG Approval Date: NONE

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 16

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 54322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 16

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 54323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Nose

MISSING

* Lymph Node, Mediastinal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 16

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 54324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 16

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 54325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 16

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 54326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lung

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

* Trachea

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 201

TRT#: 2

SEX: Male

DAY ON TEST: 16

DOSE: 3 mg/m3

DISP: Terminal Sacrifice

HISTO: 54337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 202

TRT#: 2

SEX: Male

DAY ON TEST: 16

DOSE: 3 mg/m3

DISP: Terminal Sacrifice

HISTO: 54338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Bronchial

* Nose

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

Stomach, Forestomach
[Diverticulum TGLs = 1-6]

Diverticulum

Mild

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 203

TRT#: 2

SEX: Male

DAY ON TEST: 16

DOSE: 3 mg/m3

DISP: Terminal Sacrifice

HISTO: 54339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 204

TRT#: 2

SEX: Male

DAY ON TEST: 16

DOSE: 3 mg/m3

DISP: Terminal Sacrifice

HISTO: 54340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 205

TRT#: 2

SEX: Male

DAY ON TEST: 16

DOSE: 3 mg/m3

DISP: Terminal Sacrifice

HISTO: 54341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 401

TRT#: 3

SEX: Male

DAY ON TEST: 16

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 54332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lung

* Lymph Node, Mediastinal

* Nose

MISSING

* Lymph Node, Bronchial

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 402

TRT#: 3

SEX: Male

DAY ON TEST: 16

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 54333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung
Stomach, Forestomach
[Diverticulum TGLs = 1-6]

Alveolus

Infiltration Cellular
Diverticulum

Histiocyte, Minimal
Mild

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 403

TRT#: 3

SEX: Male

DAY ON TEST: 16

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 54334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 404

TRT#: 3

SEX: Male

DAY ON TEST: 16

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 54335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 405

TRT#: 3

SEX: Male

DAY ON TEST: 16

DOSE: 15 mg/m3

DISP: Terminal Sacrifice

HISTO: 54336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 601

TRT#: 4

SEX: Male

DAY ON TEST: 16

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 54327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

Liver

[Hepatodiaphragmatic Nodule TGLs = 2-6]

Hepatodiaphragmatic Nodule

Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 602

TRT#: 4

SEX: Male

DAY ON TEST: 16

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 54328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
Stomach, Glandular

* Lymph Node, Bronchial
* Trachea

* Nose

Stomach, Forestomach

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Lung
Stom Forestom

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Note: NCL for tgl 1 on slide 6.

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 603

TRT#: 4

SEX: Male

DAY ON TEST: 16

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 54329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx

* Lymph Node, Mediastinal

* Nose

* Trachea

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 604

TRT#: 4

SEX: Male

DAY ON TEST: 16

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 54330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Experiment Number: 20213 - 01
Test Type: 14-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Abrasive Blasting Agents: Blasting Sand
CAS Number: BLASTINGSAND

Date Report Requested: 04/05/2018
Time Report Requested: 14:35:22
First Dose M/F: 10/10/05 / NA
Lab: BNW

ANIMAL ID: 605

TRT#: 4

SEX: Male

DAY ON TEST: 16

DOSE: 30 mg/m3

DISP: Terminal Sacrifice

HISTO: 54331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Larynx
* Trachea

* Lymph Node, Bronchial

* Lymph Node, Mediastinal

* Nose

OBSERVATIONS

* Lung
Note: NCL for tgl 2 on slides 2 and 3.

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Trachea
Note: NCL for tgl 1 on slide 5.

*** END OF REPORT ***