

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**NTP Study Number:** C20516  
**Lock Date:** 05/16/2007  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.3\_002  
**PWG Approval Date:** NONE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 1

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55814

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55815

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Liver                    | * Lung                    | * Lymph Node, Bronchial     | * Lymph Node, Mandibular |
| * Lymph Node, Mediastinal  | * Lymph Node, Mesenteric  | * Nose                      | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- \* Mammary Gland

**INSUFFICIENT TISSUE**

- \* Parathyroid Gland

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 3

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55816

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland
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**OBSERVATIONS**

* Skin	Inflammation	Chronic Active, Mild
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Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55817

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

\* Kidney

Cyst  
Nephropathy

Moderate  
Minimal

[ Cyst TGLs = 1-6 ]

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 5

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55818

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 6

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55819

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55820

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
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Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55821

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Gallbladder	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55822

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55823

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55914

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Lung

Trachea

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**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55915

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 203

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55916

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

Lung

Perivascular

Inflammation

Chronic Active, Minimal

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 204

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55917

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55918

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 206

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55919

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55920

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 208

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55921

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55922

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

\* Nose

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 210

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55923

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 401

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55894

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 402

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55895

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 403

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55896

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Eye

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 404

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55897

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 405

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55898

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016

**Time Report Requested:** 14:31:22

**First Dose M/F:** 08/14/06 / 08/14/06

**Lab:** BNW

---

**ANIMAL ID:** 406

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55899

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 407

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55900

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 408

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55901

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 409

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55902

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 410

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55903

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

\* Larynx Metaplasia Squamous, Marked  
\* Nose Respirat Epith Accumulation, Hyaline Droplet Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 601

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55874

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Trachea

---

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Perivascular	Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Minimal Minimal

---



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 602

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55875

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 603

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55876

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Eye

\* Lung

Trachea

**OBSERVATIONS**

\* Larynx

Squam Epithel

Hyperplasia

Minimal

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 604

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55877

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

\* Larynx Metaplasia Squamous, Marked  
\* Nose Respirat Epith Accumulation, Hyaline Droplet Minimal

---

Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 55878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Lung Trachea

OBSERVATIONS

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 606

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55879

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 607

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55880

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Inflammation Metaplasia	Minimal Chronic Active, Minimal Squamous, Marked
* Lung	Perivascular	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 608

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55881

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Respirat Epith Olfactory Epi	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Minimal Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 609

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55882

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

---



**Experiment Number:** 20516 - 02

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016

**Time Report Requested:** 14:31:22

**First Dose M/F:** 08/14/06 / 08/14/06

**Lab:** BNW

---

**ANIMAL ID:** 610

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55883

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 801

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55854

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Minimal Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 802

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55855

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Inflammation Metaplasia	Minimal Chronic Active, Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 803

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55856

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Inflammation Metaplasia	Minimal Chronic Active, Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Minimal Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 804

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55857

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Inflammation Metaplasia	Minimal Chronic Active, Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Minimal Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 805

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55858

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 806

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55859

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 807

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55860

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 808

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55861

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Minimal Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 809

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55862

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Minimal Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 810

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55863

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1001

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55834

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Moderate Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1002

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55835

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Inflammation Metaplasia	Minimal Chronic Active, Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Mild Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1003

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55836

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Mild Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1004

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55837

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | Blood Vessel                | * Bone                   |
| * Bone Marrow              | * Brain                   | * Epididymis                | * Esophagus              |
| * Eye                      | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Bronchial    | * Lymph Node, Mesenteric  | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- |               |                          |                           |                 |
|---------------|--------------------------|---------------------------|-----------------|
| * Gallbladder | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Mammary Gland |
|---------------|--------------------------|---------------------------|-----------------|

**OBSERVATIONS**

- |          |   |  |                                      |
|----------|---|--|--------------------------------------|
| * Larynx | Squam Epithel                                   | Hyperplasia<br>Metaplasia  | Minimal<br>Squamous, Marked          |
| * Lung   | Bronchiole                                      | Hyperplasia<br>Infiltration Cellular   | Mild<br>Histiocyte, Mild             |
| * Nose   | Perivascular<br>Olfactory Epi<br>Respirat Epith | Inflammation<br>Accumulation, Hyaline Droplet<br>Accumulation, Hyaline Droplet | Chronic Active, Mild<br>Mild<br>Mild |

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1005

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55838

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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**INSUFFICIENT TISSUE**

\* Gallbladder

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1006

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55839

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Bone                      | * Bone Marrow            | * Brain                    |
| * Epididymis              | * Esophagus                 | * Eye                    | * Gallbladder              |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Liver                  | * Lymph Node, Bronchial    |
| * Lymph Node, Mesenteric  | * Pancreas                  | * Parathyroid Gland      | * Pituitary Gland          |
| * Preputial Gland         | * Prostate                  | * Salivary Glands        | * Seminal Vesicle          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Testes                  | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

**MISSING**

- |                   |                          |                           |                 |
|-------------------|--------------------------|---------------------------|-----------------|
| * Adrenal Medulla | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Mammary Gland |
|-------------------|--------------------------|---------------------------|-----------------|

**OBSERVATIONS**

- |          |                |                               |                      |
|----------|----------------|-------------------------------|----------------------|
| * Larynx |                | Metaplasia                    | Squamous, Marked     |
| * Lung   | Bronchiole     | Hyperplasia                   | Mild                 |
|          | Arteriole      | Hypertrophy                   | Mild                 |
|          |                | Infiltration Cellular         | Histiocyte, Mild     |
|          | Perivascular   | Inflammation                  | Chronic Active, Mild |
| * Nose   | Olfactory Epi  | Accumulation, Hyaline Droplet | Mild                 |
|          | Respirat Epith | Accumulation, Hyaline Droplet | Mild                 |

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1007

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55840

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Bronchial    | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Pancreas               |
| * Parathyroid Gland        | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- |                           |                 |
|---------------------------|-----------------|
| * Lymph Node, Mediastinal | * Mammary Gland |
|---------------------------|-----------------|

**INSUFFICIENT TISSUE**

- \* Pituitary Gland

**OBSERVATIONS**

- |          |   |  |   |
|----------|---|--|---|
| * Larynx | Squam Epithel                                   | Hyperplasia<br>Metaplasia  | Minimal<br>Squamous, Marked             |
| * Lung   | Bronchiole                                      | Hyperplasia<br>Infiltration Cellular   | Mild<br>Histiocyte, Minimal             |
| * Nose   | Perivascular<br>Olfactory Epi<br>Respirat Epith | Inflammation<br>Accumulation, Hyaline Droplet<br>Accumulation, Hyaline Droplet | Chronic Active, Minimal<br>Mild<br>Mild |

Experiment Number: 20516 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Metal working fluids (Trim SC210)  
 CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
 Time Report Requested: 14:31:22  
 First Dose M/F: 08/14/06 / 08/14/06  
 Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 55841

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Epididymis              | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Bronchial    | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric    | * Pancreas               |
| * Pituitary Gland          | * Preputial Gland         | * Prostate                  | * Salivary Glands        |
| * Seminal Vesicle          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Testes                  | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         |                             |                          |

**MISSING**

- |                          |                 |                     |
|--------------------------|-----------------|---------------------|
| * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland |
|--------------------------|-----------------|---------------------|

**OBSERVATIONS**

- |          |   |  |                                      |
|----------|---|--|--------------------------------------|
| * Larynx | Squam Epithel                                   | Hyperplasia<br>Metaplasia  | Minimal<br>Squamous, Marked          |
| * Lung   | Bronchiole                                      | Hyperplasia<br>Infiltration Cellular   | Mild<br>Histiocyte, Mild             |
| * Nose   | Perivascular<br>Olfactory Epi<br>Respirat Epith | Inflammation<br>Accumulation, Hyaline Droplet<br>Accumulation, Hyaline Droplet | Chronic Active, Mild<br>Mild<br>Mild |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1009

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 95

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55842

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histocyte, Mild
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Mild Mild
* Pancreas		Necrosis	Mild

Experiment Number: 20516 - 02  
 Test Type: 90-DAY  
 Route: RESPIRATORY EXPOSURE WHOLE BODY  
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Metal working fluids (Trim SC210)  
 CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
 Time Report Requested: 14:31:22  
 First Dose M/F: 08/14/06 / 08/14/06  
 Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 95

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 55843

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Mild Mild
* Testes		Hypoplasia	Moderate

[ Hypoplasia TGLs = 1-8 ]

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55824

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55825

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Larynx                 |
| * Liver                    | * Lung                    | * Lymph Node, Bronchial     | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric   | * Mammary Gland           | * Nose                      | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Lymph Node, Mediastinal

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55826

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Esophagus                 | * Eye                    | * Gallbladder              |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Larynx                 | * Liver                    |
| * Lung                    | * Lymph Node, Mesenteric    | * Mammary Gland          | * Nose                     |
| * Ovary                   | * Pancreas                  | * Pituitary Gland        | * Salivary Glands          |
| * Skin                    | * Spleen                    | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Thymus                  | * Thyroid Gland             | * Trachea                | * Urinary Bladder          |
| * Uterus                  |                             |                          |                            |

**MISSING**

- |                     |                         |                          |                           |
|---------------------|-------------------------|--------------------------|---------------------------|
| * Clitoral Gland    | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
| * Parathyroid Gland |                         |                          |                           |



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 104

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55827

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
		Cyst	Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 106

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55829

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 107

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55830

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

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**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: 0 mg/m3

DISP: Terminal Sacrifice

HISTO: 55831

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Bone                   | * Bone Marrow              |
| * Brain                   | * Esophagus                 | * Eye                    | * Gallbladder              |
| * Harderian Gland         | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Kidney                    | * Larynx                 | * Liver                    |
| * Lung                    | * Lymph Node, Bronchial     | * Lymph Node, Mesenteric | * Mammary Gland            |
| * Nose                    | * Ovary                     | * Pancreas               | * Pituitary Gland          |
| * Salivary Glands         | * Skin                      | * Spleen                 | * Stomach, Forestomach     |
| * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         | * Uterus                    |                          |                            |

**MISSING**

- |                  |                          |                           |                     |
|------------------|--------------------------|---------------------------|---------------------|
| * Clitoral Gland | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Parathyroid Gland |
|------------------|--------------------------|---------------------------|---------------------|

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 109

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55832

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 110

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 0 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55833

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
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**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 301

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55924

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

---



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 302

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55925

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 303

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55926

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 304

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55927

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Moderate

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 305

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55928

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 306

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55929

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Eye

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Moderate

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 307

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55930

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 308

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55931

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Moderate

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 309

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55932

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 25 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55933

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 501

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55904

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 502

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55905

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung                                  Trachea

---

**OBSERVATIONS**

\* Larynx    Metaplasia                                  Squamous, Marked  
\* Nose                                  Respirat Epith                                  Accumulation, Hyaline Droplet                                  Minimal

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016

**Time Report Requested:** 14:31:22

**First Dose M/F:** 08/14/06 / 08/14/06

**Lab:** BNW

---

**ANIMAL ID:** 503

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55906

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55907

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

---

Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

---

**ANIMAL ID:** 505

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55908

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 506

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55909

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Eye

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

---

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 55910

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---



Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 55911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Lung Trachea

OBSERVATIONS

* Larynx		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55912

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Lung	Arteriole	Hypertrophy	Moderate
	Perivascular	Inflammation	Chronic Active, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 50 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55913

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung Trachea

---

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

---

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

---

**ANIMAL ID:** 701

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55884

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Squam Epithel

Hyperplasia

Minimal

Metaplasia

Squamous, Marked

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Mild

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

<b>ANIMAL ID:</b> 702	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 96
	<b>DOSE:</b> 100 mg/m3	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 55885

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Lung	Trachea
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Mild

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 703

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55886

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Minimal Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 704

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55887

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia	Minimal
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 705

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55888

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Respirat Epith Olfactory Epi	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Minimal Minimal



Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

**ANIMAL ID:** 706

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55889

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Respirat Epith Olfactory Epi	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 707

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 55890

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung

Trachea

**OBSERVATIONS**

\* Larynx

Squam Epithel

Hyperplasia

Minimal

Metaplasia

Squamous, Marked

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 708

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55891

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia	Minimal
		Metaplasia	Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 709

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55892

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Lung Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

---

**ANIMAL ID:** 710

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 100 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55893

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Lung

Trachea

---

**OBSERVATIONS**

\* Larynx

Metaplasia

Squamous, Marked

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

---

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 901

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55864

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Moderate

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 902

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55865

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Perivascular	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 903

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55866

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx		Metaplasia	Squamous, Marked
* Lung		Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 904

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55867

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Minimal Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Minimal Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 905

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55868

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith Olfactory Epi	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 906

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55869

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Perivascular	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

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**ANIMAL ID:** 907

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55870

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Lung

Trachea

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**MISSING**

\* Larynx

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**OBSERVATIONS**

\* Nose

Respirat Epith

Accumulation, Hyaline Droplet

Mild

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

---

Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

ANIMAL ID: 908

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 55871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Liver

Trachea

OBSERVATIONS

\* Larynx

Squam Epithel

Hyperplasia

Minimal

Metaplasia

Squamous, Marked

\* Lung

Infiltration Cellular

Histiocyte, Minimal

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

Ovary

Cyst

Moderate

[ Cyst TGLs = 2-8 ]

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 909

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55872

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Trachea

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Perivascular	Infiltration Cellular Inflammation	Histiocyte, Minimal Chronic Active, Minimal
* Nose	Olfactory Epi Respirat Epith	Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 910

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 200 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55873

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Eye

Trachea

**OBSERVATIONS**

\* Larynx

Squam Epithel

Hyperplasia

Minimal

Metaplasia

Squamous, Marked

\* Lung

Infiltration Cellular

Histiocyte, Minimal

Perivascular

Inflammation

Chronic Active, Minimal

\* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Minimal

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1101

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55844

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild



**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1102

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55845

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Bronchial    | * Lymph Node, Mandibular  | * Lymph Node, Mediastinal   | * Lymph Node, Mesenteric |
| * Mammary Gland            | * Ovary                   | * Pancreas                  | * Parathyroid Gland      |
| * Pituitary Gland          | * Salivary Glands         | * Skin                      | * Spleen                 |
| * Stomach, Forestomach     | * Stomach, Glandular      | * Thymus                    | * Thyroid Gland          |
| * Trachea                  | * Urinary Bladder         | * Uterus                    |                          |

**OBSERVATIONS**

- |          |                |                               |                      |
|----------|----------------|-------------------------------|----------------------|
| * Larynx |                | Metaplasia                    | Squamous, Marked     |
| * Lung   | Bronchiole     | Hyperplasia                   | Mild                 |
|          |                | Infiltration Cellular         | Histiocyte, Mild     |
|          | Perivascular   | Inflammation                  | Chronic Active, Mild |
| * Nose   | Respirat Epith | Accumulation, Hyaline Droplet | Mild                 |
|          | Olfactory Epi  | Accumulation, Hyaline Droplet | Mild                 |

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1103

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55846

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Lymph Node, Mandibular

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1104

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55847

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1105

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55848

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histiocyte, Mild
* Nose	Perivascular Respirat Epith Olfactory Epi	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Moderate Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 20516 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Metal working fluids (Trim SC210)

CAS Number: TRIMSC210

Date Report Requested: 07/18/2016

Time Report Requested: 14:31:22

First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 96

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 55849

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Bronchial    | * Lymph Node, Mandibular  | * Lymph Node, Mesenteric    | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

**MISSING**

- \* Lymph Node, Mediastinal

**OBSERVATIONS**

- |          |                |                               |                          |
|----------|----------------|-------------------------------|--------------------------|
| * Larynx |                | Metaplasia                    | Squamous, Marked         |
| * Lung   | Bronchiole     | Hyperplasia                   | Mild                     |
|          |                | Infiltration Cellular         | Histiocyte, Mild         |
|          | Perivascular   | Inflammation                  | Chronic Active, Moderate |
| * Nose   | Olfactory Epi  | Accumulation, Hyaline Droplet | Moderate                 |
|          | Respirat Epith | Accumulation, Hyaline Droplet | Mild                     |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1107

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55850

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Kidney                    | * Liver                  |
| * Lymph Node, Bronchial    | * Lymph Node, Mandibular  | * Lymph Node, Mediastinal   | * Mammary Gland          |
| * Ovary                    | * Pancreas                | * Parathyroid Gland         | * Pituitary Gland        |
| * Salivary Glands          | * Skin                    | * Spleen                    | * Stomach, Forestomach   |
| * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             | * Trachea                |
| * Urinary Bladder          | * Uterus                  |                             |                          |

**MISSING**

- \* Lymph Node, Mesenteric

**OBSERVATIONS**

- |          |   |  |  |
|----------|---|--|--|
| * Larynx | Squam Epithel                                   | Hyperplasia<br>Metaplasia  | Minimal<br>Squamous, Marked              |
| * Lung   | Bronchiole                                      | Hyperplasia<br>Infiltration Cellular   | Mild<br>Histiocyte, Mild                 |
| * Nose   | Perivascular<br>Olfactory Epi<br>Respirat Epith | Inflammation<br>Accumulation, Hyaline Droplet<br>Accumulation, Hyaline Droplet | Chronic Active, Moderate<br>Mild<br>Mild |

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1108

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55851

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Metaplasia	Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histocyte, Mild
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Mild Moderate Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 20516 - 02  
**Test Type:** 90-DAY  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Metal working fluids (Trim SC210)  
**CAS Number:** TRIMSC210

**Date Report Requested:** 07/18/2016  
**Time Report Requested:** 14:31:22  
**First Dose M/F:** 08/14/06 / 08/14/06  
**Lab:** BNW

**ANIMAL ID:** 1109

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 96

**DOSE:** 400 mg/m3

**DISP:** Terminal Sacrifice

**HISTO:** 55852

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex           | * Adrenal Medulla         | * Bone                      | * Bone Marrow            |
| * Brain                    | * Clitoral Gland          | * Esophagus                 | * Eye                    |
| * Gallbladder              | * Harderian Gland         | * Heart                     | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Liver                     | * Lymph Node, Bronchial  |
| * Lymph Node, Mandibular   | * Lymph Node, Mesenteric  | * Mammary Gland             | * Ovary                  |
| * Pancreas                 | * Parathyroid Gland       | * Pituitary Gland           | * Salivary Glands        |
| * Skin                     | * Spleen                  | * Stomach, Forestomach      | * Stomach, Glandular     |
| * Thymus                   | * Thyroid Gland           | * Trachea                   | * Urinary Bladder        |
| * Uterus                   |                           |                             |                          |

**MISSING**

- \* Lymph Node, Mediastinal

**OBSERVATIONS**

- |          |                |                               |                         |
|----------|----------------|-------------------------------|-------------------------|
| * Kidney |                | Nephropathy                   | Minimal                 |
| * Larynx | Squam Epithel  | Hyperplasia                   | Minimal                 |
|          |                | Metaplasia                    | Squamous, Marked        |
| * Lung   | Bronchiole     | Hyperplasia                   | Mild                    |
|          |                | Infiltration Cellular         | Histiocyte, Mild        |
|          | Perivascular   | Inflammation                  | Chronic Active, Minimal |
| * Nose   | Olfactory Epi  | Accumulation, Hyaline Droplet | Moderate                |
|          | Respirat Epith | Accumulation, Hyaline Droplet | Mild                    |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 20516 - 02  
Test Type: 90-DAY  
Route: RESPIRATORY EXPOSURE WHOLE BODY  
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Metal working fluids (Trim SC210)  
CAS Number: TRIMSC210

Date Report Requested: 07/18/2016  
Time Report Requested: 14:31:22  
First Dose M/F: 08/14/06 / 08/14/06  
Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 96

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 55853

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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**OBSERVATIONS**

* Larynx	Squam Epithel	Hyperplasia Inflammation Metaplasia	Minimal Chronic Active, Minimal Squamous, Marked
* Lung	Bronchiole	Hyperplasia Infiltration Cellular	Mild Histocyte, Minimal
* Nose	Perivascular Olfactory Epi Respirat Epith	Inflammation Accumulation, Hyaline Droplet Accumulation, Hyaline Droplet	Chronic Active, Minimal Mild Mild

\*\*\* END OF REPORT \*\*\*