

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

NTP Study Number: C20519
Lock Date: 06/09/2009
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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59193

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	* 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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59194

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	* 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	* Parathyroid Gland
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59195

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	* 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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59196

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	* 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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59197

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	* 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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59198

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	* 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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59199

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	* 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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59200

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	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59201

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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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

* Mammary Gland

OBSERVATIONS

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59202

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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose	* 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

* Pancreas

Inflammation

Chronic, Focal, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 56301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 210

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 402

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 403

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 404

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Erosion

Focal, Minimal

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 406

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Moderate

Ulcer

Focal, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 407

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 408

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 409

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 410

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Moderate

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 601

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 602

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 603

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 604

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Moderate
Squamous, Marked

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 607

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Suppurative, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 608

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 609

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 610

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 801

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 802

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 803

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 804

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Moderate

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 805

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 806

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 807

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 808

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

Ulcer

Focal, Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 809

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 810

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59213

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, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric |
| * Mammary Gland | * 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 | | | |

OBSERVATIONS

- | | | | |
|----------|---------------|-------------------------------|--------------------------|
| * Larynx | | Inflammation | Chronic Active, Moderate |
| | | Metaplasia | Squamous, Marked |
| | | Ulcer | Focal, Mild |
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Mild |
| * Nose | Olfactory Epi | Accumulation, Hyaline Droplet | Marked |

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59214

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, Mandibular	* Lymph Node, Mediastinal	* 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

* Mammary Gland

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1003

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59215

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* 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, Mediastinal

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1004

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59216

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, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* 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

* Mammary Gland

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
* Skin	Subcut Tiss	Edema	Mild

[Edema TGLs = 1-14]

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1005

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59217

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, 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

* Larynx		Erosion	Focal, Minimal
		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59218

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, Mandibular	* Lymph Node, Mediastinal	* 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

* Mammary Gland

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59219

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, Mandibular	* Lymph Node, Mediastinal	* 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

* Mammary Gland

OBSERVATIONS

* Larynx		Erosion	Focal, Minimal
		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 56220

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, Mandibular	* Lymph Node, Mediastinal	* 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

* Mammary Gland

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked
	Olfactory Epi	Necrosis	Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59221

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, Mandibular	* Lymph Node, Mediastinal	* 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

* Mammary Gland

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59222

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, 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

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 104

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
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Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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			

MISSING

* Lymph Node, Bronchial

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: Control

DISP: Terminal Sacrifice

HISTO: 59212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 25 mg/m3

DISP: Terminal Sacrifice

HISTO: 59312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Minimal
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 501

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Moderate
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
Ovary		Cyst	Moderate
[Cyst TGLs = 1-14]			

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Mild
Squamous, Marked

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 506

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Mild
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Mild
Squamous, Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 510

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 50 mg/m3

DISP: Terminal Sacrifice

HISTO: 59292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Moderate
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 702

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Mild

Ulcer

Focal, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 703

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Moderate
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 704

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
Liver	Bile Duct	Cyst	Moderate
[Cyst TGLs = 1-14]			
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 706

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 707

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 708

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 709

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung

* Nose

Trachea

OBSERVATIONS

* Larynx

Inflammation
Metaplasia

Chronic Active, Mild
Squamous, Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 710

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 100 mg/m3

DISP: Terminal Sacrifice

HISTO: 59272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

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

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 901

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Marked

Metaplasia

Squamous, Marked

Ulcer

Focal, Moderate

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 902

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx	Erosion	Focal, Mild
	Inflammation	Chronic Active, Moderate
	Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet
		Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 903

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Moderate

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 905

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Lung Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 906

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

Ulcer

Focal, Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 908

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Erosion

Focal, Minimal

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Mild

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 909

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose Trachea

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 910

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 200 mg/m3

DISP: Terminal Sacrifice

HISTO: 59252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Trachea

OBSERVATIONS

* Larynx

Inflammation

Chronic Active, Moderate

Metaplasia

Squamous, Marked

Ulcer

Focal, Mild

* Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1101

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1102

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1103

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
* Trachea		Inflammation	Chronic Active, Minimal

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1104

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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, 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			

MISSING

* Clitoral Gland	* Lung	* Lymph Node, Bronchial
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OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1107

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1108

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1109

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		

MISSING

* Lymph Node, Bronchial

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Marked

Experiment Number: 20519 - 01
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: RATS/Wistar Han

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Metal working fluids (Syntilo 1023)
CAS Number: SYNTILO1023

Date Report Requested: 07/18/2016
Time Report Requested: 14:35:40
First Dose M/F: 11/03/08 / 11/03/08
Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 400 mg/m3

DISP: Terminal Sacrifice

HISTO: 59232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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, 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		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Ulcer	Focal, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal

*** END OF REPORT ***