

TDMS No. 20515 - 01

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS
ABRIDGED) (a)**

Date Report Requested: 10/21/2008

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

F1_RD

C Number: C20515
Lock Date: 04/04/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.0.0

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS MALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m3
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(2)	(1)	(0)	(1)	(10)
Mesentery	(1)	(0)	(0)	(0)	(1)	(0)
Pancreas	(10)	(0)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Preputial Gland	(10)	(0)	(0)	(0)	(0)	(10)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS MALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m3
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Trachea	(10)	(10)	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS MALE

0 mg/m3

25 mg/m3

50 mg/m3

100 mg/m3

200 mg/m3

400 mg/m3

Tumor Summary for Males

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant

Total Uncertain Neoplasms

*** END OF MALE ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS FEMALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m3
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Liver	(10)	(4)	(0)	(3)	(1)	(10)
Mesentery	(0)	(0)	(0)	(1)	(0)	(0)
Oral Mucosa	(1)	(0)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(10)	(0)	(0)	(0)	(0)	(10)
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(10)	(0)	(0)	(0)	(2)	(10)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS FEMALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m3
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Lung	(10)	(10)	(10)	(10)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

Test Type: 90-DAY

Metal working fluids (CIMSTAR 3800)

Time Report Requested: 07:18:15

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: CIMSTAR3800

First Dose M/F: 06/12/06 / 06/12/06

Species/Strain: RATS/F344/N Tac

Lab: BNW

Fischer 344-Taconic RATS FEMALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m3
---------------------------------	---------	----------	----------	-----------	-----------	-----------

Tumor Summary for Females

Total Animals with Primary Neoplasms (b)

Total Primary Neoplasms

Total Animals with Benign Neoplasms

Total Benign Neoplasms

Total Animals with Malignant Neoplasms

Total Malignant Neoplasms

Total Animals with Metastatic Neoplasms

Total Metastatic Neoplasms

Total Animals with Malignant Neoplasms Uncertain Primary Site

Total Animals with Neoplasms Uncertain-Benign or Malignant

Total Uncertain Neoplasms

*** END OF REPORT ***

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors