P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Metal working fluids (Trim SC210) **CAS Number:** TRIMSC210

Date Report Requested: 08/25/2008 Time Report Requested: 10:20:23 First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

Species/Strain: MICE/B6C3F1

F1_M3

C Number: C20516

Route: RESPIRATORY EXPOSURE WHOLE BODY

Lock Date: 05/16/2007

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.0.0

Species/Strain: MICE/B6C3F1

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

None

Skin

Route: RESPIRATORY EXPOSURE WHOLE BODY

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Lab: BNW

(0)

(0)

(10)

B6C3F1 MICE 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 Early Deaths	10	10	10	10	10	10
Survivors Terminal Sacrifice Animals Examined Microscopically	10 10	10 10	10 10	10 10	10 10	10 10
ALIMENTARY SYSTEM						
Pancreas Necrosis	(10)	(0)	(0)	(0)	(0)	(10) 1 (10%)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Testes Hypoplasia	(10)	(0)	(0)	(0)	(0)	(10) 1 (10%)

(10)

(0)

(0)

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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

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Lab: BNW

B6C3F1 MICE MALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m
Inflammation, Chronic Active	1 (10%)					
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active Metaplasia, Squamous		10 (100%)	10 (100%)	2 (20%) 10 (100%)	3 (30%) 10 (100%)	1 (10%) 10 (100%
Squamous Epithelium, Hyperplasia Lung	(10)	(10)	(10)	6 (60%) (10)	10 (100%) (10)	9 (90%)
Infiltration Cellular, Histiocyte	(10)	(10)	(10)	1 (10%)	10 (100%)	10 (100%
Arteriole, Hypertrophy Bronchiole, Hyperplasia					10 (100%)	1 (10%) 10 (100%
Perivascular, Inflammation, Chronic Active	(12)	1 (10%)	(4.5)	2 (20%)	10 (100%)	10 (100%
Nose Olfactory Epithelium, Accumulation, Hyaline	(10)	(10) 1 (10%)	(10) 2 (20%)	(10) 7 (70%)	(10) 10 (100%)	(10) 10 (100%
Droplet Respiratory Epithelium, Accumulation, Hyaline				, ,	, ,	,
Droplet		9 (90%)	10 (100%)	10 (100%)	10 (100%)	10 (100%
SPECIAL SENSES SYSTEM						
None						
JRINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Cyst Nephropathy	1 (10%) 2 (20%)					

^{***} END OF MALE ***

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

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

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Lab: BNW

B6C3F1 MICE FEMALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m
Disposition Summary						
Animals Initially in Study Early Deaths Survivors	10	10	10	10	10	10
Terminal Sacrifice Animals Examined Microscopically	10 10	10 10	10 10	10 10	10 10	10 10
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary Cyst	(10)	(0)	(0)	(0)	(1) 1 (100%)	(10)
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
None						

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TDMS No. 20516 - 02

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)

Test Type: 90-DAY

Metal working fluids (Trim SC210)

Species/Strain: MICE/B6C3F1

Route: RESPIRATORY EXPOSURE WHOLE BODY

CAS Number: TRIMSC210

Date Report Requested: 08/25/2008 Time Report Requested: 10:20:23 First Dose M/F: 08/14/06 / 08/14/06

Lab: BNW

B6C3F1 MICE FEMALE	0 mg/m3	25 mg/m3	50 mg/m3	100 mg/m3	200 mg/m3	400 mg/m3
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Larynx	(10)	(10)	(10)	(10)	(9)	(10)
Inflammation, Chronic Active Metaplasia, Squamous		10 (100%)	10 (100%)	10 (100%)	9 (100%)	1 (10%) 10 (100%)
Squamous Epithelium, Hyperplasia Lung	(10)	(10)	(10)	9 (90%) (10)	8 (89%) (10)	8 (80%) (10)
Infiltration Cellular, Histiocyte Arteriole, Hypertrophy			1 (10%)		9 (90%)	10 (100%)
Bronchiole, Hyperplasia Perivascular, Inflammation, Chronic Active			1 (10%)		2 (20%) 7 (70%)	10 (100%) 10 (100%)
Nose Cyst	(10) 1 (10%)	(10)	(10)	(10)	(10)	(10)
Olfactory Epithelium, Accumulation, Hyaline Droplet	1 (10%)	2 (20%)	4 (40%)	9 (90%)	10 (100%)	10 (100%)
Respiratory Epithelium, Accumulation, Hyaline Droplet	1 (10%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)
SPECIAL SENSES SYSTEM						
None						
JRINARY SYSTEM						
Kidney Nephropathy	(10) 1 (10%)	(0)	(0)	(0)	(0)	(10) 1 (10%)

^{***} END OF REPORT ***

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