

**TDMS No.** 20515 - 01

**Test Type:** 90-DAY

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** RATS/F344/N Tac

**E05: CLINICAL OBSERVATIONS SUMMARY**

Metal working fluids (CIMSTAR 3800)

**CAS Number:** CIMSTAR3800

**Date Report Requested:** 10/21/2008

**Time Report Requested:** 07:19:54

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

**Lab:** BNW

**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

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OBSERVATION	WEEK: 14							
	0 mg/m3		25 mg/m3		50 mg/m3		100 mg/m3	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Lethargic	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Nasal/Eye Discharge	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Ruffled Fur	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 7 DAYS OF RUN DATE)

+ ROW 1 = CUMULATIVE NO. OF ANIMALS WITH OBSERVATION / TOTAL ANIMALS STARTED ON STUDY

ROW 2 = DAY OF ONSET

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OBSERVATION	200 mg/m3		400 mg/m3	
	CURRENT*	TOTAL+	CURRENT	TOTAL
Lethargic	0 / 0	0 / 10	0 / 0	10 / 10 DAY 1
Nasal/Eye Discharge	0 / 0	5 / 10 DAY 12	0 / 0	5 / 10 DAY 12
Ruffled Fur	0 / 0	10 / 10 DAY 12	0 / 0	10 / 10 DAY 10

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**SEX:** MALE

**WEEK:** 14

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\*\*\* END OF MALE DATA \*\*\*

OBSERVATION	WEEK: 14							
	0 mg/m3		25 mg/m3		50 mg/m3		100 mg/m3	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Abnormal Breathing	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Eye Abnormality	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Lethargic	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Nasal/Eye Discharge	0 / 0	0/10	0 / 0	0/10	0 / 0	1 / 10 DAY 33	0 / 0	0/10
Ruffled Fur	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10
Thin	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10	0 / 0	0/10

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ROW 2 = DAY OF ONSET

OBSERVATION	200 mg/m3		400 mg/m3	
	CURRENT*	TOTAL+	CURRENT	TOTAL
	SEX: FEMALE	WEEK: 14		
Abnormal Breathing	0 / 0	0/10	0 / 0	1 / 10 DAY 8
Eye Abnormality	0 / 0	0/10	0 / 0	2 / 10 DAY 19
Lethargic	0 / 0	0/10	0 / 0	10 / 10 DAY 1
Nasal/Eye Discharge	0 / 0	2 / 10 DAY 12	0 / 0	6 / 10 DAY 2
Ruffled Fur	0 / 0	10 / 10 DAY 12	0 / 0	10 / 10 DAY 10
Thin	0 / 0	1 / 10 DAY 19	0 / 0	0/10

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