

**Experiment Number:** 20523 - 04  
**Test Type:** CHRONIC  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** MICE/B6C3F1

**E05: CLINICAL OBSERVATIONS SUMMARY**

Metal Working Fluids: Trim VX

**CAS Number:** TRIMVX

**Date Report Requested:** 02/02/2015

**Time Report Requested:** 13:50:13

**First Dose M/F:** 08/03/09 / 08/03/09

**Lab:** BNW

F1\_M3

**NTP Study Number:** C20523  
**Lock Date:** 06/04/2012  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL  
**Study Gender:** Both  
**TDMSE Version:** 3.0.2.2\_002  
**PWG Approval Date:** NONE

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Species/Strain: MICE/B6C3F1

**E05: CLINICAL OBSERVATIONS SUMMARY**

Metal Working Fluids: Trim VX

CAS Number: TRIMVX

Date Report Requested: 02/02/2015

Time Report Requested: 13:50:13

First Dose M/F: 08/03/09 / 08/03/09

Lab: BNW

SEX: MALE		WEEK: 105							
OBSERVATION	Control		10 mg/m3		30 mg/m3		100 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Abnormal Breathing	0 / 0	1 / 50 DAY 619	0 / 0	1 / 50 DAY 507	0 / 0	1 / 50 DAY 507	0 / 0	3 / 50 DAY 535	
Eye Abnormality	0 / 0	1 / 50 DAY 507	0 / 0	3 / 50 DAY 675	0 / 0	3 / 50 DAY 619	0 / 0	3 / 50 DAY 563	
Head Tilt	0 / 0	1 / 50 DAY 283	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 703	
Lethargic	0 / 0	1 / 50 DAY 675	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 535	
Mass Appendage	0 / 0	2 / 50 DAY 423	0 / 0	1 / 50 DAY 423	0 / 0	0 / 50	0 / 0	2 / 50 DAY 423	
Mass Head	0 / 0	0 / 50	0 / 0	2 / 50 DAY 647	0 / 0	0 / 50	0 / 0	1 / 50 DAY 703	
Mass Torso/Dorsal	0 / 0	1 / 50 DAY 479	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 50	
Mass Torso/Ventral	0 / 0	3 / 50 DAY 171	0 / 0	2 / 50 DAY 142	0 / 0	1 / 50 DAY 619	0 / 0	1 / 50 DAY 507	

\* ANIMALS WITH OBSERVATION IN CURRENT PERIOD / TOTAL ANIMALS OBSERVED IN CURRENT PERIOD (WITHIN 30 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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Lab: BNW

SEX: MALE		WEEK: 105							
OBSERVATION	Control		10 mg/m3		30 mg/m3		100 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Thin	0 / 0	7 / 50 DAY 619	0 / 0	7 / 50 DAY 367	0 / 0	8 / 50 DAY 507	0 / 0	8 / 50 DAY 535	
Ulcer/Abscess Torso/Dorsal	0 / 0	1 / 50 DAY 619	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 50	
Ulcer/Abscess Torso/Lateral	0 / 0	0 / 50	0 / 0	1 / 50 DAY 703	0 / 0	0 / 50	0 / 0	0 / 50	
Ulcer/Abscess Torso/Ventral	0 / 0	1 / 50 DAY 535	0 / 0	1 / 50 DAY 647	0 / 0	0 / 50	0 / 0	2 / 50 DAY 675	

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

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Species/Strain: MICE/B6C3F1

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Metal Working Fluids: Trim VX

CAS Number: TRIMVX

Date Report Requested: 02/02/2015

Time Report Requested: 13:50:13

First Dose M/F: 08/03/09 / 08/03/09

Lab: BNW

SEX: FEMALE		WEEK: 105							
OBSERVATION	Control		10 mg/m3		30 mg/m3		100 mg/m3		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
<b>Abnormal Breathing</b>	0 / 0	1 / 50 DAY 507	0 / 0	1 / 50 DAY 647	0 / 0	1 / 50 DAY 619	0 / 0	0 / 50	
<b>Eye Abnormality</b>	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 675	0 / 0	3 / 50 DAY 619	
<b>Impaired Gait</b>	0 / 0	0 / 50	0 / 0	1 / 50 DAY 619	0 / 0	1 / 50 DAY 675	0 / 0	0 / 50	
<b>Lethargic</b>	0 / 0	0 / 50	0 / 0	1 / 50 DAY 647	0 / 0	0 / 50	0 / 0	0 / 50	
<b>Mass</b> Appendage	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	2 / 50 DAY 423	
<b>Mass</b> Head	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 451	
<b>Mass</b> Torso/Dorsal	0 / 0	1 / 50 DAY 479	0 / 0	1 / 50 DAY 395	0 / 0	1 / 50 DAY 703	0 / 0	1 / 50 DAY 675	
<b>Mass</b> Torso/Lateral	0 / 0	0 / 50	0 / 0	1 / 50 DAY 451	0 / 0	2 / 50 DAY 619	0 / 0	1 / 50 DAY 619	

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Lab: BNW

SEX: FEMALE

WEEK: 105

OBSERVATION	Control		10 mg/m3		30 mg/m3		100 mg/m3	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
<b>Mass</b> Torso/Ventral	0 / 0	0/50	0 / 0	1 / 50 DAY 619	0 / 0	0/50	0 / 0	0/50
<b>Thin</b>	0 / 0	3 / 50 DAY 507	0 / 0	7 / 50 DAY 479	0 / 0	8 / 50 DAY 563	0 / 0	8 / 50 DAY 591
<b>Ulcer/Abscess</b> Torso/Dorsal	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 591
<b>Ulcer/Abscess</b> Torso/Ventral	0 / 0	0/50	0 / 0	1 / 50 DAY 591	0 / 0	0/50	0 / 0	0/50

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

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