

**TDMS No.** 96011 - 05

**Test Type:** CHRONIC

**Route:** RESPIRATORY EXPOSURE WHOLE BODY

**Species/Strain:** RATS/F 344

**E05: CLINICAL OBSERVATIONS SUMMARY**

CUMENE

**CAS Number:** 98-82-8

**Date Report Reqsted:** 01/12/2006

**Time Report Reqsted:** 09:46:59

**First Dose M/F:** 06/04/01 / 06/04/01

**Lab:** BNW

**C Number:** C96011

**Lock Date:** 01/28/2004

**Cage Range:** ALL

**Date Range:** ALL

**Reasons For Removal:** ALL

**Removal Date Range:** ALL

**Treatment Groups:** Include ALL

OBSERVATION	CONTROL		250 PPM		500 PPM		1000 PPM	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Abnormal Breathing	0 / 0	0 / 50	0 / 0	1 / 50 DAY 534	0 / 0	0 / 50	0 / 0	1 / 50 DAY 660
Clonic Seizures	0 / 0	0 / 50	0 / 0	1 / 50 DAY 674	0 / 0	1 / 50 DAY 646	0 / 0	1 / 50 DAY 716
Eye Abnormality	0 / 0	2 / 50 DAY 170	0 / 0	1 / 50 DAY 506	0 / 0	0 / 50	0 / 0	2 / 50 DAY 394
Lethargic	0 / 0	3 / 50 DAY 562	0 / 0	6 / 50 DAY 478	0 / 0	2 / 50 DAY 618	0 / 0	5 / 50 DAY 450
Mass Head	0 / 0	2 / 50 DAY 478	0 / 0	4 / 50 DAY 30	0 / 0	1 / 50 DAY 366	0 / 0	3 / 50 DAY 422
Mass Appendage	0 / 0	1 / 50 DAY 506	0 / 0	0 / 50	0 / 0	1 / 50 DAY 688	0 / 0	1 / 50 DAY 688
Mass Torso/Dorsal	0 / 0	3 / 50 DAY 450	0 / 0	5 / 50 DAY 422	0 / 0	4 / 50 DAY 450	0 / 0	7 / 50 DAY 534
Mass Torso/Lateral	0 / 0	4 / 50 DAY 254	0 / 0	4 / 50 DAY 591	0 / 0	5 / 50 DAY 506	0 / 0	4 / 50 DAY 591

\* 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

SEX: MALE		WEEK: 105							
OBSERVATION	CONTROL		250 PPM		500 PPM		1000 PPM		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
<b>Mass</b> Torso/Ventral	0 / 0	4 / 50 DAY 422	0 / 0	2 / 50 DAY 618	0 / 0	1 / 50 DAY 716	0 / 0	5 / 50 DAY 660	
<b>Thin</b>	0 / 0	10 / 50 DAY 562	0 / 0	12 / 50 DAY 478	0 / 0	11 / 50 DAY 366	0 / 0	14 / 50 DAY 450	
<b>Ulcer/Abscess</b> Head	0 / 0	0/50	0 / 0	1 / 50 DAY 338	0 / 0	0/50	0 / 0	1 / 50 DAY 394	
<b>Ulcer/Abscess</b> Torso/Dorsal	0 / 0	1 / 50 DAY 282	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	
<b>Ulcer/Abscess</b> Torso/Lateral	0 / 0	1 / 50 DAY 618	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	
<b>Ulcer/Abscess</b> Torso/Ventral	0 / 0	1 / 50 DAY 646	0 / 0	1 / 50 DAY 366	0 / 0	1 / 50 DAY 310	0 / 0	2 / 50 DAY 478	

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**SEX:** MALE

**WEEK:** 105

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

SEX: FEMALE

WEEK: 105

OBSERVATION	CONTROL		250 PPM		500 PPM		1000 PPM	
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL
Abnormal Breathing	0 / 0	0 / 50	0 / 0	1 / 50 DAY 688	0 / 0	2 / 50 DAY 58	0 / 0	0 / 50
Ataxia	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 394
Clonic Seizures	0 / 0	0 / 50	0 / 0	1 / 50 DAY 618	0 / 0	2 / 50 DAY 338	0 / 0	2 / 50 DAY 394
Diarrhea	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 716	0 / 0	0 / 50
Eye Abnormality	0 / 0	4 / 50 DAY 170	0 / 0	3 / 50 DAY 142	0 / 0	6 / 50 DAY 30	0 / 0	1 / 50 DAY 422
Head Tilt	0 / 0	1 / 50 DAY 478	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	0 / 50
Hyperactivity	0 / 0	0 / 50	0 / 0	1 / 50 DAY 562	0 / 0	0 / 50	0 / 0	0 / 50
Lethargic	0 / 0	5 / 50 DAY 618	0 / 0	4 / 50 DAY 562	0 / 0	1 / 50 DAY 618	0 / 0	0 / 50

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

ROW 2 = DAY OF ONSET

SEX: FEMALE		WEEK: 105							
OBSERVATION	CONTROL		250 PPM		500 PPM		1000 PPM		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Mass Head	0 / 0	2 / 50 DAY 422	0 / 0	0 / 50	0 / 0	2 / 50 DAY 338	0 / 0	1 / 50 DAY 591	
Mass Appendage	0 / 0	1 / 50 DAY 646	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 674	
Mass Torso/Dorsal	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	2 / 50 DAY 591	0 / 0	0 / 50	
Mass Torso/Lateral	0 / 0	10 / 50 DAY 618	0 / 0	9 / 50 DAY 591	0 / 0	15 / 50 DAY 450	0 / 0	7 / 50 DAY 506	
Mass Torso/Ventral	0 / 0	20 / 50 DAY 450	0 / 0	14 / 50 DAY 506	0 / 0	15 / 50 DAY 591	0 / 0	12 / 50 DAY 506	
Nasal/Eye Discharge	0 / 0	0 / 50	0 / 0	1 / 50 DAY 562	0 / 0	0 / 50	0 / 0	0 / 50	
Thin	0 / 0	16 / 50 DAY 478	0 / 0	9 / 50 DAY 562	0 / 0	8 / 50 DAY 338	0 / 0	9 / 50 DAY 534	
Ulcer/Abscess Head	0 / 0	0 / 50	0 / 0	0 / 50	0 / 0	1 / 50 DAY 478	0 / 0	1 / 50 DAY 422	

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SEX: FEMALE		WEEK: 105							
OBSERVATION	CONTROL		250 PPM		500 PPM		1000 PPM		
	CURRENT*	TOTAL+	CURRENT	TOTAL	CURRENT	TOTAL	CURRENT	TOTAL	
Ulcer/Abscess Appendage	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 646	0 / 0	1 / 50 DAY 618	
Ulcer/Abscess Torso/Dorsal	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	0 / 0	2 / 50 DAY 422	
Ulcer/Abscess Torso/Lateral	0 / 0	0/50	0 / 0	0/50	0 / 0	0/50	0 / 0	1 / 50 DAY 478	
Ulcer/Abscess Torso/Ventral	0 / 0	1 / 50 DAY 674	0 / 0	3 / 50 DAY 506	0 / 0	2 / 50 DAY 660	0 / 0	4 / 50 DAY 450	

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