

E. I. du Pont de Nemours and Company
Haskell Laboratory for Toxicology and Industrial Medicine

HASKELL LABORATORY REPORT NO. 129-66

Copies to: [REDACTED]

Materials Tested: [REDACTED]

Other Codes [REDACTED]

Haskell Nos.

4593

4594

4595

Materials Submitted by: [REDACTED]

Organic Chemicals Department
Jackson Laboratory

ACUTE ORAL TEST

Procedure: Each of the above materials was administered as a suspension in peanut oil by intragastric intubation to young adult Chr-CD male rats in single doses. Survivors were killed fourteen days later.

Results:

<u>Suspension</u> <u>%</u>	<u>Dose</u> <u>mg/kg</u>	<u>Mortality</u>	<u>Toxic Signs</u>	<u>Pathologic Changes*</u>	<u>ALD</u>
			[REDACTED]		
40	17,000	0/1	<u>Nonlethal Doses:</u> initial weight loss at 2250 mg/kg and above, flaccid, rapid respiration, face-pawing, diarrhea for 4-5 days, wet perineal area, prostration at two highest levels on day of dosing	None attributable to test material, > 17,000 mg/kg 14 days after dosing	
40	11,000	0/1			
40	7,500	0/1			
30	5,000	0/1			
30	3,400	0/1			
10	2,250	0/1			
10	670	0/1			

Company Sanitized. Does not contain TSCA CBI

Results (Cont'd.):

Suspension %	Dose mg/kg	Mortality	Toxic Signs	Pathologic Changes*	ALD
			[REDACTED]		
40	17,000	0/1	<u>Nonlethal Doses:</u> pallor, irregular respiration, diarrhea at 2250 mg/kg and above, wet perineal area at 7500 mg/kg and above, initial weight loss at 2250 mg/kg and above, for 6 days at 17,000 mg/kg	None attributable to test material, 14 days after dosing	> 17,000 mg/kg
40	11,000	0/1			
40	7,500	0/1			
30	5,000	0/1			
30	3,400	0/1			
10	2,250	0/1			
10	670	0/1			
			[REDACTED]		
40	17,000	1/1	<u>Lethal Doses:</u> pallor, salivation, irregular respiration, wet peri- neal area, chewing motions at 11,000 mg/kg, prostration at 17,000 mg/kg, death day after dosing	None attributable to test material, 14 days after dosing	11,000 mg/kg
40	11,000	1/1			
40	7,500	0/1			
30	5,000	0/1			
30	3,400	0/1	<u>Nonlethal Doses:</u> pallor, irregular respiration, diarrhea, initial weight loss at all levels -- for three days at 7,500 mg/kg		
10	2,250	0/1			
10	670	0/1			

* Tissues examined included lung, trachea, liver, kidney, spleen, thymus, bone marrow, testis, brain, esophagus, stomach and duodenum.

Summary: The three subject [REDACTED] have low acute oral toxicity for the male rat, the Approximate Lethal Doses (ALD's) being > 17,000 mg/kg, > 17,000 mg/kg, and 11,000 mg/kg for [REDACTED] respectively. Pathologic examination of twelve tissues or organs from rats that had received these test materials disclosed no abnormalities that could be attributed to their administration to the animals.

Report by:

Henry Sherman
Henry Sherman
Chief, Oral Toxicity Section

Approved by:

J. Wesley Clayton, Jr.
J. Wesley Clayton, Jr.
Assistant Director

HS:clm

Date: August 15, 1966