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

HASKELL LABORATORY REPORT NO. 744-78 [REDACTED]

<u>Material Tested*</u>	<u>Haskell No.</u>	<u>Other Codes</u>	<u>Sample Ready for Testing</u>	<u>Submitted by</u>
[REDACTED]	12,401	[REDACTED]	7-6-78	[REDACTED] CD&P Department, Jackson Laboratory

TEN-DOSE ORAL SUBACUTE TEST
[REDACTED]

Procedure: The test material, as a 50% suspension in corn oil, was administered by intragastric intubation to a group of ten young adult Chr-CD male rats, five times a week, for two weeks at a repeated dosage level of 5,000 mg/kg/day; an additional group of ten rats served as controls and was intubated with corn oil. Five controls and five test rats were sacrificed approximately four hours after the last dose. The remaining five control and five test rats were sacrificed 14 days after the last dose.

Results:

<u>Dose (mg/kg/day)</u>	<u>No. of Doses</u>	<u>Mortality</u>	<u>Clinical Signs</u>
5,000	10	0/10	<u>First Week:</u> Stained nose and perineal area, alopecia and weight loss. <u>Second Week:</u> Wet and stained perineal area, stained feet, alopecia, diarrhea and weight loss. <u>Recovery Period:</u> Stained perineal area, alopecia, entire body stained, stained nose and mouth, weakness and slight weight loss.

[REDACTED]

Summary: [REDACTED] was administered orally to young adult Chr-CD male rats at a repeated dose level of 5,000 mg/kg/day for ten days over a two-week period. Compound-related histologic effects were a general failure to thrive, necrosis of hemopoietic cells of the spleen, bone marrow and thymus, necrosis of germ cells, decreased sperm production and hepatic necrosis. Toxic effects of the test material on the hemopoietic system were no longer apparent 14 days post-exposure. Hepatomegaly would be expected to be completely reversible given a longer recovery period.

[REDACTED]

** Tissues examined histologically [REDACTED] included: testis, epididymis, spleen, bone marrow, thymus, lymph nodes, liver, kidney, adrenals, heart, eyes, pancreas, trachea, lungs, brain, stomach, duodenum, cecum, colon, parathyroid, thyroid and esophagus.

Report by:

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Report No. 744-78

Date Issued: December 15, 1978