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

HASKELL LABORATORY REPORT NO. 582-73 MR NO. 1821-001

Material Tested: Naphthanil® red light* Haskell No.: 8325

Material Submitted by: L. F. Andrews, Pigments Department, Wilmington Other Codes: RT-531-D

ORAL LD_{50} TEST

Procedure: The test material, as a 40% suspension in corn oil, was administered by intragastric intubation to a group of ten young adult ChR-CD male rats in single doses. Survivors were sacrificed after 14 days.

Results:

Dose (mg/kg)	Average Initial Weight (g)	Average Dose (ml)	Mortality Ratio	Clinical Signs	LD_{50}
20,000	271	13.45**	0/10	Evidence of compound in feces for five days after dosing; discoloration of skin and eyes for five days after dosing.	> 20,000 mg/kg

Summary: Naphthanil® red light has low toxicity when administered orally to young adult ChR-CD male rats in single doses; the LD_{50} is greater than 20,000 mg/kg of body weight, since none of the ten animals dosed at this level died.

* Composition:

	Wt. %
AZO pigment dye	87.8
Para soap	1.7
Blancol	4.5
Barium sulfate	5.2
Water	0.8

** Administered in divided doses.

ECB:dhg
Date: December 4, 1973
N.B. E-3308, p. 9.

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