

Copies to: [REDACTED]

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

HASKELL LABORATORY REPORT NO. 591-75 [REDACTED]

<u>Material Tested</u>	<u>Haskell No.</u>	<u>Sample Ready for Testing</u>	<u>Other Codes</u>	<u>Submitted by</u>
[REDACTED]	9805	9-4-75	[REDACTED]	[REDACTED] Organic Chemicals Department, Chambers Works.

EYE IRRITATION TEST IN RABBITS

Procedure: One-tenth milliliter of the undiluted chemical was placed into the right conjunctival sac of each of two albino rabbits. After 20 seconds, one treated eye was washed with tap water for one minute. The treated eye of the other rabbit was not washed. Observations of the cornea, iris and conjunctiva were made with a hand-slit lamp at one and four hours, and at one, two, three and seven days; 5% aqueous fluorescein stain and a biomicroscope were used at examinations after the day of treatment.

Results:

<u>Dose</u>	<u>Treatment</u>	<u>Ocular Effects</u>		
		<u>Cornea</u>	<u>Iris</u>	<u>Conjunctiva</u>
0.1 ml Liquid Test Material	Not Washed	None	None	<u>Redness:</u> Mild with blanching 1 hr.; mild 4 hrs. - 3 days.
				<u>Swelling:</u> Slight 1 hr. - 2 days.
				<u>Discharge:</u> Moderate 1 hr.; mild 4 hrs.
0.1 ml Liquid Test Material	Washed	None	None	<u>Redness:</u> Mild with blanching 1 hr.; mild 4 hrs. - 3 days.
				<u>Swelling:</u> Slight 1 hr. - 2 days.
				<u>Discharge:</u> Moderate 1 hr.; minimal 4 hrs.

Summary: [REDACTED] produced moderate to slight conjunctival irritation with no corneal or iritic involvement in both the unwashed and washed rabbits' eyes. Both rabbits were normal in seven days.

Although only mild ocular effects occurred, good hygienic practice would be to avoid eye contact with [REDACTED]. In the event of an eye exposure, flush copiously with water.

Report by:

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Date Issued: October 2, 1975