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

HASKELL LABORATORY REPORT NO. 825-76

MR NO [REDACTED]

<u>Material Tested</u>	<u>Haskell No.</u>	<u>Sample Ready for Testing</u>	<u>Other Codes</u>	<u>Material Submitted by</u>
[REDACTED]	10,642	9-28-76	[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; Fluor-i-strip® stain and a biomicroscope were used at examinations after the day of treatment.

Results:

<u>Dose</u>	<u>Treatment of Eyes</u>	<u>Ocular Effects</u>		
		<u>Cornea</u>	<u>Iris</u>	<u>Conjunctiva</u>
0.1 ml undiluted test material	Not washed	Small area of slight opacity 1-4 hours, receding to localized microscopic surface sheen at one day.	None	<u>Redness:</u> Mild 1 hour - 3 days. <u>Swelling:</u> Slight 1 hour - 1 day. <u>Discharge:</u> Moderate 1-4 hours. Hemastix®- positive at 1 hour, slightly positive at 4 hours.
0.1 ml undiluted test material	Washed	Localized area of slight opacity at 1 hour.	None	<u>Redness:</u> Slight 1 hour - 3 days. <u>Swelling:</u> Mild 1 hour - 1 day. Slight 2-3 day <u>Discharge:</u> Moderate 1-4 hours. Hemastix®- positive at 4 hours.

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Summary: [REDACTED] produced a small area of slight corneal opacity and mild conjunctivitis with no iritic effect in a rabbit eye. Corneal opacity was reversible and the eye was normal within 7 days. An eye dosed with the compound and promptly washed had transient minimal corneal opacity and mild conjunctivitis with no iritic effect. The eye was normal within 4 hours except for a persistent mild conjunctival irritation which was normal within 7 days.

Although only temporary mild ocular effects occurred, good hygienic practice would be to flush copiously with water after any eye contact with this material.

* Composition

[REDACTED]

Report by: Doris F. Edwards

Doris F. Edwards
Toxicologist

Approved by: Raymond W. Morrow

Raymond W. Morrow
Chief, Dermal and Ocular Toxicology Section

[REDACTED]
DFE:ms

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