

Copies to: [REDACTED]

E. I. du Pont de Nemours and Company
Haskell Laboratory for Toxicology and Industrial Medicine
Elkton Road, Newark, Delaware 19711

HASKELL LABORATORY REPORT NO. 324-79 [REDACTED]

Material Tested*

[REDACTED]

Haskell
No.

12,943

Other Codes

[REDACTED]

Study Initiated/
Completed

3/27-3/30/79

Material Submitted by[REDACTED] CD&P Department,
Jackson Laboratory.EYE IRRITATION TEST IN RABBITS

Procedure: One-tenth milliliter of a 2% and a 0.2% solution of the test material in water was placed into the right conjunctival sac of each of 2 albino rabbits. After 20 seconds, 1 treated eye was washed with tap water for 1 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 1 and 4 hours, and at 1, 2, and 3 days; Fluor-i-strip stain and a biomicroscope were used at examinations after the day of treatment.

Results:

<u>Solution</u>	<u>Dose</u>	<u>Treatment</u>	<u>Ocular Effects</u>		
			<u>Cornea</u>	<u>Iris</u>	<u>Conjunctiva</u>
2%	0.1 ml liquid	Not Washed	None	Very slight injection of vessels 1-4 hrs.	<u>Redness:</u> Moderate 1-4 hrs. <u>Swelling:</u> None <u>Discharge:</u> Mild at 1 hr.; moderate at 4 hrs.
2%	0.1 ml liquid	Washed	None	None	<u>Redness:</u> Mild 1-4 hrs. <u>Swelling:</u> None <u>Discharge:</u> Mild 1-4 hrs.
0.2%	0.1 ml liquid	Not Washed	None	None	<u>Redness:</u> None <u>Swelling:</u> None <u>Discharge:</u> None
0.2%	0.1 ml liquid	Washed	None	None	<u>Redness:</u> None <u>Swelling:</u> None <u>Discharge:</u> None

Company Sanitized. Does not contain TSCA CBI

Summary: [REDACTED] (H-12,943) when tested as a 2% solution in water caused a very slight injection of the iris and transient moderate conjunctival irritation with no corneal effects in the unwashed rabbit eye. In the washed eye a 2% solution caused transient mild conjunctival irritation with no corneal or iritic effects. Both eyes were normal within 1 day of treatment. A 0.2% solution of [REDACTED] in water caused no ocular effects in either treated rabbit eye.

[REDACTED] is a moderate to mild conjunctival irritant as a 2% solution in water and is not an eye irritant as a 0.2% solution in water. Eye contact should be avoided. Flush with water if contact should occur.

* **Composition:**

Report by:

Ryanne L. Ferenz
Ryanne L. Ferenz
Toxicologist

Approved by:

Gerald L. Kennedy
Gerald L. Kennedy
Chief, Acute Investigations Section

RLF/aph

Report No. 324-79

Date Issued: August 24, 1979