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

HASKELL LABORATORY REPORT NO. 256-81

MR NO [REDACTED]

Material Tested

Haskell No.
14,008

Other Codes

Study Initiated/Completed
4/6/81 - 4/20/81

Material Submitted by
[REDACTED]
Polymer Products Department
Experimental Station

EYE IRRITATION TEST IN RABBITS

Procedure: One-tenth milliliter (71 mg) of solid test material was placed into the right conjunctival sac of each of 2 male New Zealand White 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 an ophthalmoscope at 1 and 4 hours, and at 1, 2, 3, 8, and 14 days; Fluor-i-strip® stain and a slit-lamp 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 (71 mg solid test material)	Not washed	Mild clouding in a general area 1 hr-2 days, de- creasing to a local area at 3 days; local area of slight clouding at 8 days.	Moderate iritis, including moderate and slight injection with some swelling 1 hr-8 days.	<u>Redness:</u> Moderate 1 hr-1 day; mild 2-3 days. <u>Swelling:</u> Mild 1 hr- 1 day; slight at 2 days. <u>Discharge:</u> Copious 1-4 hr; moderate 1-2 days; Hemastix® positive 1 hr-2 days.
0.1 ml (71 mg solid test material)	Washed	General area of slight clouding at 1 hr. increas- ing to mild clouding 4 hr-1 day; moderate area of slight clouding at 2 days decreasing to a small area 3-8 days.	Moderate injection 4 hrs-3 days.	<u>Redness:</u> Mild 1-4 hr, and 2-3 days, moderate at 1 day. <u>Swelling:</u> Slight 1-4 hrs. <u>Discharge:</u> Moderate at 1 hr; copious at 4 hr; mild at 1 day; Hemastix® positive 1 hr-1 day.

Summary: [REDACTED] caused general to local areas of mild to slight corneal clouding, moderate iritis and moderate conjunctivitis with copious discharge in both the treated unwashed rabbit eye and the treated washed rabbit eye. Both eyes were normal 14 days following treatment.

This material may produce moderate eye irritation upon contact. If contact occurs, flush immediately with copious amounts of water.

* Contaminants: [REDACTED]

Purity: [REDACTED]

Other name: [REDACTED]

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