

Copies to:

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

HASKELL LABORATORY REPORT NO. 56-80

Material Tested

Haskell No.
13,197

Other Codes

Study Initiated/
Completed
8/21/79 -
8/27/79

Material Submitted by
Chemicals, Dyes & Pigments
Jackson Laboratory

EYE IRRITATION TEST IN RABBITS

Procedure: One-tenth milliliter of the undiluted test material 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, 3 and 7 days; Fluor-1-strip® stain and a biomicroscope were used at examinations after the day of treatment.

Results:

Dose	Treatment	Ocular Effects		
		Cornea	Iris	Conjunctiva
0.1 ml undiluted test material	Not Washed	Small area of slight opacity 1-3 days.	None	Redness: none Swelling: none Discharge: none
0.1 ml undiluted test material	Washed	Localized area of slight opacity 1-4 hours. Small area of slight opacity 1-3 days.	None	Redness: Mild 1-4 hours Swelling: Slight 1-4 hours Discharge: None

Summary: [REDACTED] produced a small area of slight cornea opacity with no conjunctiva or iritic effects. An eye dosed with the compound and promptly washed produced a small area of slight cornea opacity and transient very mild conjunctivitis. Both eyes were normal within 7 days.

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

Report by:

John E. Henry

John E. Henry
Technician

Approved by:

Gerald L. Kennedy

Gerald L. Kennedy
Chief, Acute Investigations Section

JEH:jrg

Date Issued: February 5, 1980

Report No. 56-80