

US EPA ARCHIVE DOCUMENT

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661A

SUBJECT: Roundup

DEC 3 1975

TO: Mr. Robert Taylor (PM)

FROM: Robert Coberly

R. Coberly

Registration No. 524-308

Action Requested: Review eye irritation and establish the formulation as being in Toxicity category two.

Recommendation : Toxicity category two is required for this product due to eye irritation

The following toxicity data were submitted in support of the request for category two labeling:

Rabbit Eye Irritation-Roundup-University of Miami-November 11, 1975.

The material tested was identified as "Roundup: 3 lb/gal acid equivalent 14 lbs Isopropylamine Salt of Glyphosate, QHD-13".

Exactly 0.1 ml of the test material was placed into one eye on each of six rabbits. Eyes were examined at 24, 48, 72 hours and 10 days after treatment. These examinations were conducted by Dr. John H. Holly, MD, a board-certified ophthalmologist. Cultures of the one control and one test were taken on day 13.

Results: No corneal opacity was reported. Slight irritation persisted in two animals during the entire 10 day study.

Conclusion: This product required toxicity category two labeling due to the slight irritation present beyond 7 days.

OEP 12/11/75

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