BC-1141
TXR-502

Date: March 16, 1983

005021

Subject: EPA File Symbol : 476-EEEN
Ordram A 10-G

From: Delores F. Graham
FHB/188 E 3/17/83

To: Richard Mountfort
Product Manager (23)

Applicant: Stauffer Chemical Company
1200 South 47th Street
Richmond, CA 94804

Active Ingredients:
S-ethyl hexahydro-1H-azepine
-1-carbothioate 10.0%
Inert Ingredients 90.0%

Background: Submitted Acute Oral, Acute Dermal, Eye Irritation and Skin Irritation studies. Studies conducted by Stauffer Chemical Company. Data under accession number 249409. Cite all method of support.

Recommendation:

(1) FHB/188 finds these data acceptable to support conditional registration of this product. 17.1.0

(2) An Acute Inhalation Study was not submitted and one must be submitted and/or cited.

(3) The appropriate signal word is CAUTION.

Label:

005021

(1) The phrase "or blunt object" must be deleted from precautionary statements.

Review:

(1) Acute Oral Toxicity Study: Stauffer Chemical Company; Lab. Report # T-10997; December 20, 1982.

Procedure: 10M and 10F rats received 5000 mg/kg of the test-material orally. Observations were made for 14 days after treatment. Necropsy performed on all animals. 10M and 10F rats were dosed with corn oil and served as vehicle controls.

Result:

Results: 2/10 M and 3/10 F died at 5000 mg/kg. Toxic signs observed included mild to severe depression; ataxia; diarrhea; salivation; piloerection; ptosis; red facial stains; wet, greasy and stained fur; pale eyes and extremities; prostration; dyspnea. Necropsy revealed pale lungs; pale-tan, mottled liver; enlarged bladder and stomach; bluish-black

solid in the GI tract and cecum; bloated GI tracts containing reddish-black fluid. ⇨ LD50 for males and females greater than 5000 mg/Kg.

Study Classification: Core Guideline Data

Toxicity Category: III - CAUTION

(2) Acute Dermal Toxicity Study: Stauffer Chemical Company; Lab. Report # T-10997; December 20, 1982.

Procedure: 5M and 5F rabbits received 2000 mg/Kg of the test material under occlusive wrap for 24 hour exposure. The skin was abraded on half of the animals and left intact on the others. Two male and two female rabbits were sham-treated and served as controls. Observations were made for 14 days after treatment. Necropsy performed on all animals.

Results: No mortalities. Mild erythema and edema noted. No toxic signs noted. No abnormalities at necropsy. LD50 greater than 2000 mg/Kg.

Study Classification: Core Guideline Data.

Toxicity Category: III - CAUTION

(3) Skin Irritation Study: Stauffer Chemical Company; Lab. Report # T-10997; December 20, 1982.

Procedure: Six rabbits received 0.5 grams of the test material at abraded and intact skin sites per animal under occlusive wrap for 4 hour exposure period. Observations made at 4, 24 and 72 hours after exposure.

Results: No irritation present. Primary Score was zero.

Study Classification: Core Guideline Data.

Toxicity Category: IV - CAUTION

(4) Eye Irritation Study: Stauffer Chemical Company; Lab. Report #T-10997; December 20, 1982.

Procedure: Nine rabbits received 100mg of the test material in one eye each. The treated eyes of three of the rabbits were washed 20-30 seconds after treatment. Observations made at 1, 24, 48 and 72 hours and at 4, 7 and 10 days after treatment.

Results: At day 1, 5/6 animals of the unwashed group had corneal opacity (1/6=5, 1/6=10, 3/6=20), iris irritation (5/6=5); 4/6 and 3/3 of the washed group had conjunctive redness (1/6=1, 2/6=2, 3/6=3); 5/6 + 3/3 had chemosis (3/6=1, 3/6=2) (3/3=1) and 4/6 + 3/3 discharge (1/6=1, 1/6=2, 4/6=3)(3/3=1).

At day 4, all corneal opacity and other irritation had cleared.

Study Classification: Core Guideline Data.

Toxicity Category: III - CAUTION

Molinate toxicology review

Page _____ is not included in this copy.

Pages 5 through 10 are not included in this copy.

The material not included contains the following type of information:

___ Identity of product inert ingredients

___ Identity of product impurities

___ Description of the product manufacturing process

___ Description of product quality control procedures

___ Identity of the source of product ingredients

___ Sales or other commercial/financial information

X A draft product label

___ The product confidential statement of formula

___ Information about a pending registration action

___ FIFRA registration data

___ The document is a duplicate of page(s) _____

___ The document is not responsive to the request

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.