UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

006323

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

DATE: August 13, 1985

SUBJECT: EPA File Symbol: 8203-UR
Agrosol Pour-on

FROM: Deloris F. Graham DFG 8/27/85
FHB/TSS E 8/28/85

TO: Henry Jacoby
Product Manager (21)

Applicant: Chipman, Inc.
Box 910
Stoney Creek, Ontario

Active Ingredient:

Thiram (tetramethylthiuram disulfide)	11.64
Thiabendazole	0.33
Inert Ingredients	88.03

Background:

Submitted Acute Oral, ~~Mutagenicity~~, Acute Dermal, Eye Irritation and Dermal Irritation Studies. Studies conducted by Hazelton Laboratories America, Inc. Data under Accession Number 254673. Method of support not indicated.

Recommendation:

1. FHB/TSS finds data submitted acceptable to support conditional registration of this product.

Label:

1. Labeling acceptable as submitted.

Note to PM:
Information submitted for ~~acute~~ Acute Inhalation and Dermal Sensitization is not sufficient to waive these studies.

DFG

Review:

1. Acute Oral Toxicity Study: Hazelton Laboratories, Inc.; Project No. 2278-104; August 6, 1984.

Procedure:

Five male and five female rats received 5000 mg/kg of the test material orally. Observations made at 1, 2, and 4 hours postdose then daily thereafter for 14 days. Necropsy performed on all animals.

Results:

No mortalities or abnormalities noted at necropsy. Toxic signs reported included depression, rough coat, soft feces, hunched, urine stains, red stains on nose and/or eyes. One male rat lost weight. LD_{50} reported to be greater than 5000 mg/kg.

Study Classification:

Core Guideline Data

Toxicity Category:

IV - CAUTION

2. Acute Dermal Toxicity Study: Hazelton Laboratories, Inc.; Project No. 2278-105; August 6, 1984.

Procedure:

Five male and five female rabbits received 2000 mg/kg of the test material at intact skin sites under occlusive wrap for 24-hour exposure period. Observations were made at 1 and 4 hours posttreatment, then daily thereafter for 14 days. Necropsy performed on all animals.

Results:

No mortalities or abnormalities at necropsy noted. Anorexia observed in one male on day 2, but had subsided by day 3. LD_{50} reported to be greater than 2000 mg/kg.

Study Classification:

Core Guideline Data

2

Toxicity Category:

III-CAUTION

3. Primary Dermal Irritation Study:

Hazelton Laboratories, Project No. 2278-107; July 23, 1984.

Procedure:

Six rabbits received 0.5 ml of the test material at intact skin sites under occlusive wrap for 4-hour exposure. Observations made at 30 and 60 minutes, 24, 48 and 72 hours after treatment.

Results: No dermal irritation reported. However, a purple stain on the skin was noted.

Study Classification:

Core Guideline Data

Toxicity Category:

IV - CAUTION

4. Eye Irritation Study:

Hazelton Laboratories, Inc.; Project No: 2278-106; July 23, 1984

Procedure: Six rabbits received 0.1 ml of the test material in one eye each. Observations was made at 1, 24, 48 and 72 hours after treatment.

Results:

At 1 hour, 6/6 had conjunctive redness (6/6=1) and discharge (6/6=1); 2/6 chemosis (2/6=1). At 24 hours, 3/6 redness (3/6=1). All irritation clear by 72 hours.

Study Classification:

Core Guideline Data

Toxicity Category:

III - CAUTION

THIABENDAZOLE 060101

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Pages 4 through 7 are not included.

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 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.