

US EPA ARCHIVE DOCUMENT

10-5-79

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

003740

DATE: October 4, 1979

SUBJECT: EPA File No. 10182-EI, Brodifacoum 0.25% Concentrate.

Caswell #114AAA

FROM: John Doherty *J.D. Doherty 10/5/79*
Toxicology Branch/HED (TS-769) *Bdd 10/5/79*
TO: Dan Peacock *D.P. 10/5/79*
Product Manager Team #16/RD (TS-767)

Action Requested: Assign signal word and comment on precautionary labelling.

Conclusion: The acute toxicity data support a toxicity category II label (WARNING).

Remarks:

- (1) The signal word should be changed from "DANGER" to "WARNING".
- (2) Delete "Skull and crossbones" from label.
- (3) The precautionary statement should read: "May be fatal if swallowed, inhaled or absorbed through skin. Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling."
- (4) Toxicology Branch recommends that the following statement be added to the precautionary statements. "Repeated inhalation, dermal contact or oral ingestion may result in accumulative toxicity."
- (5) The teratogenic potential of this chemical must be established. Many anticoagulants are teratogens. Females of child bearing age should not be permitted to work as formulators until the teratogenic potential is established.

105

003740

Summary Table: Acute Toxicity of Brodifacoum (0.25% formulation)

<u>Test</u>	<u>Results</u>	<u>TOX. Cat.</u>
1. Acute Oral LD50 - rats	.14 ml/kg	II
2. Acute Dermal LD50 - rabbits	1 ml/kg	II
3. Acute Inhalation LC50 - rabbits	>1.012 mg/l	II
4. Dermal Irritation	Mild	III
5. Eye Irritation	Mild	III

2

BRODIFACOU

Page is not included in this copy.

Pages 3 through 5 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.
 - 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.
