MEMORANDUM

SUBJECT: EPA File Symbol 10182-EUP-GO
Clipper 25C

FROM: Deloris F. Graham
Technical Support Section
Fungicide-Herbicide Branch
Registration Division (TS-767C)

TO: Robert Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Applicant: ICI Americas, Inc.
Agricultural Chemicals Division
Concord Pike and New Murphy Road
Wilmington, DE 19897

Active Ingredient:
(2RS, 3RS)-1-(4-chlorophenyl)-4,
4-dimethyl-2-(1H-1,2,4-triazol-1-yl
pentan-3-ol . . . . . . . . . . . . . . . . . . . . . . . . . . . . 22.94%
Inert Ingredients . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 77.06%

Background:
Submitted addendum to acute oral study reviewed June 27, 1985. Data under Accession Number 260373. Method of support not indicated.

Recommendation:
Based on information submitted in the addendum to original acute oral report the toxicity category for Acute Oral Study is III - CAUTION.

Label:
The subheadings "NOTICE" and "Storage and Disposal" must appear under the heading "Directions For Use."
Review:


Procedure:

Seven groups consisting of five male and five female rats each received one of the following doses: 0.5, 1.0, 2.5, 4.0, 5.0, 7.5, or 10.0 mL/kg of the test material orally. Observations made frequently on day of dosing, then daily thereafter up to 15 days posttreatment. Necropsy performed on all surviving animals.

Results:

At 1.0 mL/kg, 1:5 M and 2:5 F died; at 2.5 mL/kg, 3:5 M and 2:5 F died; at 4.0 mL/kg, 1:5 M and 5:5 F died; at 5.0 mL/kg, 2:5 M and 4:5 F died; at 7.5 mL/kg, 0:5 M and 3:5 F died; at 10.0 mL/kg, 3:5 M and 5:5 F died.

Clinical signs reported included activity decrease, abdominal tone decreased, ptosis both eyelids, comatose, dehydrated, hypothermia, piloerectios, scouring, sides pinched in, hair loss, stains around snout, upward curvature of spine, corneal reflex (loss of), loss of righting reflex, decreased breathing rate, increased breathing depth, loss of stability, chromodacryorrhea, lachrymation, stained around mouth, urinary incontinence, labored breathing. Necropsy report revealed very pale colored livers and kidneys.

LD₅₀ for females reported to be 2.14 mL/kg (2.31 g/kg) with 95 percent confidence limits between 0.85 and 3.73 mL/kg. According to addendum submitted LD₅₀ for males was reported to be 17.8 mL/kg (19.4 g/kg) with 95 percent confidence lower limits at 4.4 mL/kg (4.8 g/kg). Higher limits could not be calculated.

Study Classification:

Core Guideline Data.

Toxicity Category:

III - CAUTION.
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
- A draft product label
- The product confidential statement of formula
- Information about a pending registration action
- FIPRA 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.