

JAN 12 1993

Ms. Lizbeth R. Simila
Associate Registration Manager
Rhone-Poulenc Ag Company
P. O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 2770°

Dear Ms. Simila:

Subject: Larvin Brand 90MC Thiodicarb Insecticide
EPA Registration Number 264-411
Label Revision in compliance with PR Notice 91-8
Your submission dated November 16, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

Note that the uses on leafy vegetables, broccoli, cabbage and cauliflower were registered with an expiration date of 7/15/92 (leafy vegetables) or 8/12/92 (broccoli, cabbage, cauliflower) and the condition that you submit certain data to address issues of toxicological concern of acetamide, a minor metabolite of thiodicarb. These data are still outstanding and these uses are likely to be cancelled if acceptable data are not submitted by the expiration date.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide Rodenticide Branch
Registration Division (H7505C)

LARVIN[®] 90MC Thiodicarb Insecticide

For use in the formulation of insecticides only.

Formulators who use this product are responsible for obtaining an EPA registration for their product.

ACTIVE INGREDIENT: Thiodicarb (Dimethyl N, N' (thiobis(methylimino) carbonyloxy))bis(ethanimidothioate) . . .90%
INERT INGREDIENTS 10%

EPA Reg. No. 264-411

EPA Est. No. 10352-WV-02

KEEP OUT OF REACH OF CHILDREN

WARNING

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

ACCEPTED
with COMMENTS
to EPA Letter Dated

JAN 12 1993

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
264-411

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Never give anything by mouth to an unconscious or convulsing person. Call a physician and follow General advice listed above.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Call a physician and follow General advice listed below.

GENERAL:

Contact a physician immediately in all cases of suspected poisoning. If breathing stops, establish an airway, start artificial respiration and provide oxygen. Make certain to remove all sources of continuing contamination. Remove clothing and wash skin and hair immediately with large amounts of water. Transport the patient to a physician or hospital immediately and **SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.**

NOTE TO PHYSICIAN

Thiodicarb is an oxime carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible.

Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously every 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended unless organophosphate intoxication is also suggested.

To aid in the confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen. Analyses will be arranged by Rhône-Poulenc Ag Company.

Consultation on therapy can be obtained at all hours by calling the Rhône-Poulenc emergency number: 1-800-354-7577.

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be harmful or fatal if swallowed. May be harmful if inhaled or absorbed through the skin. May be irritating to eyes and may cause mild skin sensitization. Do not take internally. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

Wear long-sleeved clothing while using. Remove contaminated clothing daily; wash before reuse. Wash exposed skin thoroughly with soap and water after handling and before eating or smoking. Discontinue working with this product if allergic reaction occurs.

BEST AVAILABLE COPY

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Salivation, Watery eyes, Pinpoint eye pupils, Blurred vision, Muscle tremors, Difficult breathing, Excessive sweating, Abdominal cramps, Nausea, Vomiting, Diarrhea, Weakness, Headache. In severe cases, convulsions, unconsciousness and respiratory failure may occur.

ANTIDOTE STATEMENT

ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN on previous page.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional office of the Environmental Protection Agency.

DIRECTIONS FOR USE

**It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Read entire label before using this product.**

Only For Formulation into an Insecticide, for (1) The Following Uses: **Terrestrial Food Uses:** sweet corn (FL, fresh market only), cotton, soybeans, leafy vegetables, broccoli, cabbage, cauliflower. **Terrestrial Non-Food Uses:** Ornamentals and non-crop areas.

(2) Uses for Which USEPA has Accepted the Required Data and/or Citations of Data that the Formulator has Submitted in Support of Registration and (3) Uses for Experimental Purposes that are in Compliance with USEPA Requirements.

STORAGE AND DISPOSAL

STORAGE

Store unused product in a cool, dry, locked area. Do not allow prolonged storage in areas where temperatures frequently exceed 115°F(46°C).

PESTICIDE DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

For Drums:

Completely empty liner into manufacturing equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

For Bags:

Completely empty bag into manufacturing equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If bag is burned, stay out of smoke.

BEST AVAILABLE COPY

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THE MANUFACTURER EXPRESSLY DISCLAIMS ALL LIABILITY FOR CLAIMS AND ACTIONS (WHETHER BASED ON CONTRACT, TORT, STRICT LIABILITY OR BREACH OF WARRANTY) ARISING OUT OF, RESULTING FROM OR CONNECTED WITH A FORMULATION CONTAINING THIS PRODUCT WHEN USED FOR ANY PURPOSE OTHER THAN THOSE USES SET FORTH IN (1) ABOVE. THE MANUFACTURER HAS NOT DEVELOPED SCIENTIFIC DATA TO SUPPORT, NOR HAS IT EXPLICITLY OR IMPLICITLY APPROVED, ANY USES OTHER THAN THOSE IN (1) ABOVE.

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LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in item (1) of the Directions for Use when it is used in accordance with such Directions; and that the statements under item (1) of the Directions, the warnings and other statements on this label, other than the suggested uses under items (2) and (3) of the Directions, are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS.

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U.S. Patent No. 4,382,957

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LARVIN is a registered trademark of Rhône-Poulenc.

LARVIN® 90MC Thiodicarb Insecticide (MASTER) Notification 10/20/92.