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432-752

9/23/98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 23 1998

Sharon M. Johnston
Agrevo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645

Dear Ms. Johnston:

Subject: Esbiothrin Technical
EPA Reg. No. 432-752
Product Chemistry Review and Amended Label

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. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

In accordance with the allethrin registration standard, the active ingredient must be listed as "d/l-allethrolone d-trans chrysanthemate".

The product chemistry review is attached, and is adequate to support formulation into insecticides intended for non-food uses. The new basic Confidential Statement of Formula dated Feb. 1, 1995, is acceptable and has been placed in the registration file for this product

If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

Ann Sibold
Marion J. Johnson, Jr.
Product Manager 3
Insecticide Branch
Registration Division (7505C)

CONCURRENCES							
SYMBOL	7505C						
SURNAME	Sibold						
DATE	10/14/97						

ESBIOTHRIN TECHNICAL

For Formulation Of Insecticides Only

ACTIVE INGREDIENT:

*Esbiothrin: d-trans-chrysanthemum monocarboxylic acid ester of dl-2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one..... 95.1%

INERT INGREDIENTS:..... 4.9%
100.0%

*Min. 72% d-trans chrysanthemic acid of d-allethrolone and 18% d-trans chrysanthemic acid of l-allethrolone and Max. 5.1% other isomers.

EPA Reg. No. 432-752

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Contact a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger.

If person is unconscious, do not give anything by mouth and do not induce vomiting.

If In Eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

If In Skin: Wash with plenty of soap and water. Get medical attention if necessary.

Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

See Side Panel For Additional Precautionary Statements

ACCEPTED
WITH COMMENTS
In EPA's Water District

SEP 23 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 432-752

NET CONTENTS:

**AgrEvo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645**

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

WARNING

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This material is highly toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Formulators who use this product are responsible for providing data to support their own registrations with the appropriate regulatory agencies.

ONLY FOR FORMULATION INTO AN INSECTICIDE FOR Domestic Indoor (household), Domestic Outdoor (household/ ornamentals), Indoor Nonfood, Greenhouses, Ornamentals, Commercial Industrial Uses, Treatments of Animals not Intended for Food (including pets) and Terrestrial Non-food.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage: Store in a cool, dry place.

Pesticide Storage And Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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