

4787-29

04/10/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
4787-29
(EO)

Date of
4/10/2000

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Cyren MUC

Name and Address of Registrant (include ZIP Code):

Cheminova Agro A/S
c/o Cheminova Inc., U.S. agent
1700 Route 23, Suite 210
Wayne, NJ 07470

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 4787-29".
3. Submit three copies of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "accepted with comments" is enclosed for your records.

Signature of Approving Official:

Date:

APR 10 2000

Thomas C. Harris, Biologist, OPP/RD/IRB

CYREN™ MUC

INSECTICIDAL CONCENTRATE FOR MANUFACTURING USE PURPOSES ONLY

ACTIVE INGREDIENT:

Chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate	62.2%
INERT INGREDIENTS	37.8%
TOTAL	100.0%

This product contains 6 pounds of chlorpyrifos per gallon. Contains aromatic petroleum distillates

STOP – READ THE LABEL BEFORE USING THIS PESTICIDE

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

May be fatal if swallowed • Harmful if absorbed through skin • Causes moderate eye irritation

Avoid contact with eyes, skin, or clothing • Wear long sleeved shirt and long pants, socks and shoes, and chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate) • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet • Remove contaminated clothing and wash before reuse • Wash separately from household laundry • Keep away from food, feedstuffs and water supplies

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

(**TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you)

IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL TOLL FREE, DAY OR NIGHT, 1-800-228-5635, Ext. # 153

First Aid

- IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by poison control center or doctor.
- IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
APR 10 2000
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
4787-29**

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. Be aware, that the product may pose an aspiration pneumonia hazard.

Chlorpyrifos is a cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression.

Antidote: Administer atropine sulphate in large doses. TWO to FOUR mg intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacological antidote and may be administered as an adjunct to, but not a substitute for atropine, which is a symptomatic and often lifesaving antidote. DO NOT GIVE MORPHINE OR TRANQUILLIZERS. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of Chlorpyrifos may occur and relapse may occur after initial improvement; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

The product contains aromatic petroleum distillates which may pose an aspiration pneumonia hazard.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No.: 4787-*EO*

Product of Denmark

EPA Est. No.: 4787-DN-1



CHEMINOVA AGRO A/S • Lemvig • Denmark

Phone (+45) 96 90 96 90 • Telex 66514 • Fax (+45) 96 90 96 91

Net Contents: ? Kilos (? lbs)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN.

WARNING

May be fatal if swallowed • Harmful if absorbed through skin • Causes moderate eye irritation.

Avoid contact with eyes, skin, or clothing • Wear long sleeved shirt and long pants, socks and shoes, and chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate) • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet • Remove contaminated clothing and wash before reuse • Wash separately from household laundry • Keep away from food, feedstuffs and water supplies

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, birds, and other wildlife. 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.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

Storage: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F (38°C) for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site, if approved waste handling facilities are available, 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.

MANUFACTURING USES

This product may be used only for formulation into other manufacturing-use products or end-use products for uses accepted by the United States Environmental Protection Agency. Insecticidal formulations containing this product will require precautionary labeling based on the properties and intended use of the finished formulations. Formulators are responsible for obtaining EPA registration of such products.

This product may be used only for formulation into an insecticide for

(1) The following uses:

Agricultural Crops (Terrestrial Food Crop; Greenhouse Food Crop; Terrestrial Nonfood Crop): Alfalfa; apple; asparagus; banana; beet (sugar, table, including seed); blueberry; **Brassica (cole) leafy vegetables** (for example: bok choy, broccoli, broccoli raab, Brussels sprout, cabbage, Chinese cabbage, cauliflower, collard, kale, kohlrabi); caneberry; cherimoya; cherry (sour, sweet); **Citrus fruits** (for example: lemon, orange, grapefruit); citrus orchard floor; clover and grass grown for seed (*see note); corn (field corn, sweet corn, and including corn grown for seed); cotton; cranberry; cucumber; date; feijoa; fig; grape; kiwifruit; leek; **Legume vegetables** (for example: soybeans, beans (snap, lima), peas); mint; mushroom; nectarine; onion (dry bulb); peach; peanut; pear; pepper; plum; prune; pumpkin; radish (including seed); rutabaga; sapote; sorghum (milo); strawberry; sugarcane; sunflower; sweet potato; tobacco; tomato (except cherry tomatoes); **Tree nuts** (for example: almonds, filberts, pecans, walnuts); almond orchard floors; turnip; wheat.

*Note: Clovers and grasses which are grown for seed are only for 24(c) registration as *terrestrial nonfood crops*. The 24(c) labeling for these sites must include the following limitations:

1. Limit use to the crop establishment year only.
2. Prohibit use of any portion of the treated field for animal feed.
3. Restrict harvest until 365 days after application.

Pest Control Indoors (Indoor Food; Indoor Nonfood):

Use as a crack and crevice or spot treatment in and around the following: Residential buildings, including homes and apartment buildings. Mausoleums and nonfood areas of industrial, institutional, and commercial buildings, including hospitals, stores, manufacturing plants, and warehouses. Food and nonfood areas of food handling establishments including, but not limited to, restaurants, grocery stores, bakeries, bottling plants, canneries and grain mills.

Turf and Other Outdoor Uses (Outdoor Residential; Terrestrial Nonfood Crop):

Golf courses, lawns and other ornamental and recreational turf grass areas. Non-crop areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas. Sod farms and commercial turfgrass areas. Fire ant mounds.

Pest Control on Outside Surfaces and Around Buildings (Outdoor Residential):

Outside surfaces of buildings including porches, window frames, eaves, patios, garages, refuse dumps and other areas where pests congregate or have been seen. Building foundations. Soil treatment. Underground utility cable and conduit.

Ornamental (Outdoor Residential; Nursery; Terrestrial Nonfood Crop; Greenhouse Nonfood Crop):

Flowers, plants, shrubs, evergreens, including conifers, vines, shade and flowering trees, including cottonwood, elm and non-bearing prune trees. Potted, containerized, and balled and burlapped nursery stock plants, soil treatment.

Tree and Forest Pests (Forestry; Outdoor Residential; Terrestrial Nonfood):

Shade and flowering trees, elm trees, plantation trees, transplant trees, and evergreens. Nurseries, plantations and felled trees.

Wood or Wood Structure Protection (Domestic Indoor, Domestic Outdoor):

Utility poles, fence posts, and lumber. Building constructions of wood, including, but not limited to, window frames, structural parts, supports, surfaces, walls, and terrestrial structures.

Pets and Domestic Animals (Indoor Nonfood; Indoor Food; Terrestrial Food/Feed; Terrestrial Nonfood): Cattle ear tags, animal housing including, but not limited to, poultry houses, and livestock housing (corrals, stockyards, holding pens and other outdoor livestock holding 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 excluding any use strictly prohibited by this label; and

(3) Uses for experimental purposes that are in compliance with USEPA requirements.

This product may NOT be used for formulation into manufacturing-use or end-use products for the following uses:

Pest Control Indoors (Indoor):

Indoor broadcast use; total release foggers for indoor residential and non-residential (except greenhouse) use; coating products intended for large indoor surface areas such as floors, walls and ceilings inside residential dwellings, offices, schools, or health care institutions including, but not limited to, houses, apartments, nursing homes and patient rooms in hospitals;

Pets and Domestic Animals (Indoor):

Animal dips, sprays, shampoos, dusts;

Aquatic Uses (Aquatic Food Crop) (Aquatic Non-food):

Any aquatic use, including mosquito larvicide;

Pest Control Indoors or Outdoors (Domestic Indoor or Outdoor):

Paint additives.

All manufacturing-use products produced from this product must bear a statement prohibiting formulation of such products for the uses identified above.

WARRANTY LIMITATIONS AND DISCLAIMER

CHEMINOVA warrants that the material contained herein conforms to the chemical description on the label, that it will pass without objection in the trade under the contract description, and that such product will be delivered free from any lawful security interest, lien, or encumbrance. CHEMINOVA MAKES NO OTHER EXPRESS WARRANTIES OF ANY KIND AND DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY CHEMINOVA, ITS DISTRIBUTORS, AGENTS, OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY, AND THE BUYER MAY NOT RELY ON SUCH INFORMATION OR ADVICE.

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