



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 15, 2015

Jennifer DeCarlo  
Cheminova, Inc.  
1600 Wilson Blvd., Suite 700  
Arlington, VA 22209

Subject: Label Amendment – Add Already Approved Crops  
Product Name: GF-1580 Manufacturing Concentrate  
EPA Registration Number: 4787-64  
Application Date: March 27, 2015  
Decision Number: 503199

Dear Ms. DeCarlo:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Maggie Rudick at 703-347-0257 or by email at [rudick.maggie@epa.gov](mailto:rudick.maggie@epa.gov).

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Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a hand-drawn oval.

Kable Bo Davis, Product Manager 3  
Invertebrate and Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# GF-1580 Manufacturing Concentrate

## Insecticide

### For Manufacturing Use Only

#### Active Ingredient:

*gamma*-cyhalothrin: (R)-cyano(3-phenoxyphenyl)  
methyl (1R,3R)-3-[(1Z)-2-chloro-3,3,3-  
trifluoroprop-1-enyl]-2,2-  
dimethylcyclopropanecarboxylate.....50%

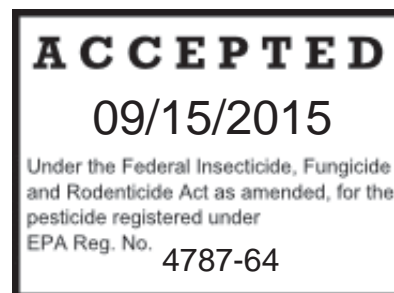
Other Ingredients\* .....50%

Total.....100%

\*Contains petroleum distillates.

**DANGER**  **POISON**

[Editors note: the word POISON must appear in red]



## PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label find someone to explain it to you in detail)

### FIRST AID

<b>IF INHALED:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
<b>IF IN EYES:</b>	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 eye. Call a poison control center or doctor for treatment advice.
<b>IF ON SKIN OR CLOTHING:</b>	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.
<b>IF SWALLOWED:</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor.

Do not give **any** liquid to the person.  
Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**NOTE TO PHYSICIAN:** Very toxic if inhaled by mist. If breathing has stopped, start artificial respiration immediately and maintain until physician takes charge of the exposed person. Eye contact causes severe irritation and/or physical distress. For eye contamination, instillation of a local anesthetic can be considered. Skin exposure may result in tingling, itching, burning, or prickly sensation with immediate onset or up to 4 hours after exposure and last 2 to 30 hours. Wash exposed areas once with soap and water. Relief may be obtained by application of an oil-based cream. Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact call 1-866-303-6950 for emergency medical treatment information.

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### Precautionary Statements

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#### Hazards to Humans and Domestic Animals

**Fatal If Inhaled • May Be Fatal If Swallowed Or Absorbed Through Skin • Causes Substantial But Temporary Eye Injury • Causes Skin Irritation**

**Do not breathe vapor or spray mist. Do not get in eyes, on skin or clothing. Wear a pesticide respirator jointly approved by the Mine, Safety and Health Administration and the National Institute for Occupational Safety and Health equipped with an N-, R-, or P-series filter. Wear protective eyewear; chemical-resistant gloves (such as nitrile or butyl); chemical-resistant footwear plus socks; coveralls worn over short-sleeved shirt and short pants. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.**

#### Environmental Hazards

This pesticide is extremely toxic to fish and other aquatic organisms. 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 further guidance, contact your state water board or regional office of the EPA.

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### Directions for Use

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

Formulators using this product are responsible for obtaining EPA registration of their products.

**Only for formulation into an insecticide for the following uses:**

- (1) **Terrestrial and Aquatic Food:** alfalfa; brassica (head and stem); canola; cole crops; corn (field, pop, seed and sweet); cotton; cucurbits; fruiting vegetables group (except cucurbits); grass forage, fodder and hay; garlic; legume vegetables group; lettuce (head and leaf); onion (dry bulb); peanut; pome fruits group; rice and wild rice; seed vegetables; small grains; sorghum (grain); soybean; stone fruits group; sugarcane; sunflower; tree nuts group including pecans; tuberous & corm vegetables (potato, sweet potato, yams & related) triticale and wheat.

**Terrestrial Nonfood:** Non-cropland (excluding public land); tobacco (burley and flue-cured).

**Forestry:** Conifer and deciduous trees (plantations, nurseries and seed orchards).

**Domestic indoor and outdoor**

**Non-domestic indoor and outdoor**

**Non-food greenhouse and nurseries**

- (2) Uses for which U.S. EPA 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 U.S. EPA requirements.

**Storage and Disposal**

Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited.

**Pesticide Storage:** Keep container closed when not in use. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

**Container Handling:**

**Nonrefillable containers 5 gallons or less:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable containers:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**Nonrefillable containers greater than 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

#### **WARRANTY DISCLAIMER**

Cheminova warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CHEMINOVA MAKES NO OTHER

EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Cheminova or the Seller. All such risks shall be assumed by Buyer and User. Buyer and User agree to hold Cheminova and the Seller harmless for any claims related to such factors.

### **LIMITATION OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Cheminova's election:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, Cheminova shall not be liable for consequential, incidental, or special damages or losses in any matter.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Cheminova or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

In case of emergency endangering health or the environment involving this product, call 1-866-303-6950.

Manufacturing Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 4787-64

EPA Est. \_\_\_\_\_

Produced by:  
Cheminova A/S  
P.O. Box 9  
DK-7620 Lemvig

**Net Contents** \_\_\_\_