



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511M)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

2375-6

Date of Issuance:

9/27/2024

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CH4000

Name and Address of Registrant (include ZIP Code):

Chr. Hansen, Inc.  
9015 W. Maple St.  
Milwaukee, WI 53214

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 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 U.S. Environmental Protection Agency. In order to protect health and the environment, the Administrator, on his or her 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 the 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

*Cody Kendrick*

Cody Kendrick, Senior Regulatory Advisor  
Microbial Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511M)  
Office of Pesticide Programs

Date:

9/27/2024

2. If, following consultation with the United States Fish and Wildlife Service, the Service identifies additional mitigation measures are necessary to prevent adverse effects to any listed species or their designated critical habitat, the EPA will notify Chr. Hansen, Inc. in writing within 45 calendar days of completion of any such consultation of any necessary required changes. Pursuant to this registration term, within 30 calendar days of receiving the EPA's notice, Chr. Hansen, Inc. must submit an amendment application incorporating any required changes, included amended labels. Alternatively, Chr. Hansen, Inc. must submit a request for voluntary cancellation of the product. If this term of registration is not met, the EPA may cancel the registration under an expedited process under FIFRA 6(e).
3. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.
4. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 2375-6."
5. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 05/30/2024

If you have any questions, please contact Hannah Dean via email at [dean.hannah@epa.gov](mailto:dean.hannah@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Cody Kendrick". The script is cursive and fluid, with the first letters of each word being capitalized and slightly larger than the rest of the letters.

Cody Kendrick, Senior Regulatory Advisor  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511M)  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

Sep 27, 2024

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 2375-6

**CH4000**

**for Manufacturing Use Only**

EPA Reg. No. 2375-A

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

**Active Ingredient:**

*Bacillus subtilis* strain CH4000\* ..... 100.0%

\*Contains a minimum of  $5.0 \times 10^{11}$  Colony-Forming Units (CFU) per gram of product

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**See other panels for additional precautionary information.**

FIRST AID	
If in eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison center or doctor, or going for treatment. You may also contact 1-800-331-3148 Sunday through Saturday 24-hours a day for emergency medical treatment information. For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Website: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a> ).	

**Net Weight** \_\_\_\_\_ Not for sale or use after [date stamped is 6  
months after the date of manufacture]

Sold by:  
Chr. Hansen, Inc.  
9015 W Maple St.  
Milwaukee, WI 53214

Batch/Lot code: \_\_\_\_\_  
[For nonrefillable containers only. Will be located on  
this label or on the physical container.]

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

#### **CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

#### **Environmental Hazards**

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 U.S. Environmental Protection Agency.

#### **DIRECTIONS FOR USE**

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

#### **FOR MANUFACTURING USE ONLY**

For use in formulating into end-use pesticide products for the suppression of specific fungal plant pathogens and specific soil nematodes on food and non-food crops, including seed treatment and in-furrow uses and uses in greenhouses/glasshouses.

This product may be used to formulate products for additional uses not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding the support of such use(s).

This product may be used for experimental purposes that are in compliance with U.S. EPA requirements.

Formulators using this product are responsible for obtaining U.S. EPA registration for their formulated product that may be labeled for the uses found on this label. All end-use pesticide products formulated with this material must be in compliance with the Federal Insecticide, Fungicide, and Rodenticide Act.

## STORAGE AND DISPOSAL

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

### Pesticide Storage

If storing this product below freezing, user should shake or roll the container to ensure proper product consistency. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Store at less than 95°F. Carefully open containers. After partial use, replace lid of container and close tightly or if in a bag or pouch, fold over and secure the bag or pouch closure. Do not put product into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. In case of spill, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spills. Call CHEMTREC (Transportation and Spills): (800)-424-9300. To confine spill: dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. If a leaky container must be contained within another, mark the outer container to identify the contents.

### Pesticide Disposal

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

### Container Handling

**Nonrefillable Aluminized Bag/Pouch with Plastic Inner Lining in a Styrofoam Box: Nonrefillable container.** Do not reuse or refill this container. Completely empty bag or pouch into formulation equipment, then offer for recycling if available or dispose of empty bag or pouch in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Offer the styrofoam box for recycling if available or disposed of it in a sanitary landfill.

**Nonrefillable Metal Containers: Nonrefillable container.** Do not reuse or refill this container. Triple 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 ¼ 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**Nonrefillable Plastic Containers: Nonrefillable container.** Do not reuse or refill this container. Triple 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 ¼ 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. Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by incineration. If burned, stay out of smoke. Do not burn, unless allowed by state and local ordinances.

## Conditions of Sale and Limitation of Warranty and Liability

Seller warrants that the product in this container conforms to the compositional description contained on this label and is reasonably fit for its intended purpose when used in accordance with proper manufacturing practices and procedures and under normal conditions of use. To the extent consistent with applicable law, neither this warranty nor any other warranty of **MERCHANTABILITY** or of **FITNESS** for a particular purpose, express or implied, extends to use or handling of this product contrary to proper manufacturing practices and procedures, or under abnormal conditions or conditions not reasonably foreseeable to Seller, or to use by mixture, chemical reaction or formulation with other substances not specifically recommended in writing by Seller, and Buyer assumes all risk of any such use. To the extent consistent with applicable law, any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values.