

Reg # 26883-19

PM-22

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194



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

EPA Reg. Number:  
26883-19

Date of Issuance:  
MAR 17 1995

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration  
  
(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Chem Copp HP III

Name and Address of Registrant (include ZIP Code):

American Chemet Corporation  
P.O. Box 1160  
East Helena, MT 59635

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/re-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 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 under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Reg. No. 26883-19".
- b. In the ingredient declaration align the decimal points on the same margin.
- c. In the precautionary statements incorporate the following statements:

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear goggles. Remove contaminated clothing and wash before reuse.

Signature of Approving Official:

*BS*

Date:

7 1995

194

294

d. The Statements of Practical Treatment, incorporate the following statements:

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

If swallowed: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, a large quantities of water. Avoid alcohol.

e. Update the Environmental Hazards section to read as follows:

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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

Refer to PR Notice 93-10.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

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

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

cc: William Wooge  
Accelerated Registration Branch  
Special Review and Reregistration Division

2

394

PROPOSED LABEL

**CHEM COPP HP III**  
FOR MANUFACTURING USE AS AN ALGICIDE/MILDEWCIDE IN ROOFING MATERIALS

ACTIVE INGREDIENT: Cuprous Oxide*	.....	94.0%
INERT INGREDIENTS	.....	5.0%
	Total	100.0%

\*METALLIC COPPER EQUIVALENT 88%

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**WARNING:** Causes eye irritation. Harmful if swallowed. Avoid inhalation. May cause skin irritation, nausea, chills or diarrhea. Avoid contact with eyes, skin, or clothing. Use respiratory devices approved by MSHA or NOISH. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board of 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. For manufacturing use in roofing materials. See technical data sheet for additional information.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry place. If spilled, clean up with vacuum or conventional tools. Avoid dusting.

**PESTICIDE DISPOSAL:** Completely empty bag into formulating equipment. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of empty bags in a sanitary landfill or by incineration if allowed by State and local authorities. If burned stay out of smoke.

Manufactured by:  
**AMERICAN CHEMET CORPORATION**  
 EAST HELENA, MONTANA USA 59635  
 EPA ESTABLISHMENT NO. 26883 MT 01  
 EPA REGISTRATION NO. ....  
 NET WEIGHT: 50 LBS (22.68 KG.)

**BEST COPY AVAILABLE**

3

494

AMERICAN CHEMET CORPORATION

CHEM COPP HP III

TECHNICAL DATA SHEET

Chem Copp HP III cuprous oxide is used during the manufacture of roofing granules to protect the granules from algae and mildew. Roofing granules are used on a bed of hot asphalt on either an organic or fiberglass mat during the construction of asphalt shingles. Chem Copp HP III is used in dry form and put into water-based slurries with the following ingredients in a batch process:

<u>INGREDIENT</u>	<u>C.A.S. NUMBER</u>	<u>DOSE RATE PERCENT</u>
Nepheline Syenite	None	80.0 - 100.0
Chem Copp HP III	1317-39-1	0.3 - 10.0
Sodium Silicate	1344-09-8	<10.0
Kaolin	1332-58-7	<10.0
Rutile Titanium Dioxide	1317-80-2	<0.9
Hydrotreated Heavy Naphthenic Petroleum Distillates	64742-52-5	<0.9
Carbon Black	1233-86-4	0-0.9
Chromium Oxide (Trivalent Chromium)	1308-38-9	<1.0
Free Crystalline Silica	14808-60-7	<0.1

The above ingredients are combined in slurry form and transferred to a rotary mixer where it is combined with crushed raw mineral. The resultant product is then transferred to a kiln and the coating is cured at high temperatures. This cured product is then cooled in a heat exchange unit, transferred to storage tanks, and later packaged per customer request.

Typical use levels of Chem Copp HP III range from 0.3% to 10.0% by weight in the roofing granules and should not exceed 10.0% by weight of the granules. The optimum amount of Chem Copp HP III required for adequate protection against algae and mildew is dependent on geographical and customer application requirements. These amounts are determined by evaluating a series of trial range loadings and subsequently adjusting per customer application.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAR 17 1968

Technical Inspection  
Remarks:  
No. of test specimens  
EPA Reg. No.

26883-19

4