

PM 31 1022-563 1/14

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

1022-563

DATE OF ISSUANCE

JUN 25 1990

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Chapco Pro

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Chapco  
416 East Brook  
P.O. Box 9159  
Memphis, TN 38109

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

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

- a. Add the phrase "EPA Registration No. 1022-563."
- b. As per conversation with the Agency the correct signal word is DANGER not WARNING.
- c. Revise:

Warning: Causes eye damage and skin irritation

Corrosive. Causes eye and skin damage.

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

- d. Revise the Environmental Hazard section to read:

ENVIRONMENTAL HAZARDS. This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this active ingredient 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 or Regional Office of the EPA.

- e. Revise the FIRST AID section to read as follows:

STATEMENT OF PRACTICAL TREATMENT. In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean water for at least 15 minutes. Get medical attention immediately. If product is swallowed, promptly drink 1 or 2 glasses of water. Contact a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING.

Note to physician: Probable mucosal damage may contraindicate gastric lavage.

- f. Revise Pesticide Disposal section to read:

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 your EPA Regional Office for guidance.

- g. Delete: Bury in a safe place.

-3-

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 stamped copy of the label is enclosed for your records.

John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosure

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REGISTERED  
WITH COPYRIGHTS  
OFFICE OF THE U.S. PATENT  
AND TRADEMARK OFFICE

JUN 25 1990

1022-563

# CHAPCO KD

BEST AVAILABLE COPY

**ACTIVE INGREDIENT:**

Potassium dimethyldithiocarbamate ..... 50.0%  
INERT INGREDIENTS ..... 50.0%

This product contains 5.2 lb. of active ingredient per gallon and weighs 10.4 lb. per gallon.

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

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

**WARNING:** Causes eye damage and skin irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling.

**FIRST AID:** In case of skin contact, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. If product is swallowed, call a physician immediately. If patient is conscious, induce vomiting by stroking or tickling the patient's throat or far back on patient's tongue. Emetics such as 2 teaspoonsful (10 mL) of ipecac syrup or 1 teaspoonful (5 mL) of dry mustard in warm water to form a paste or even soap in warm water can be used. Repeat until vomit fluid is clear. Then have patient drink plenty of milk, gelatin solution, beaten egg whites, flour and water, or other nonoily demulcent. Never induce vomiting or give anything by mouth to an unconscious person.

**Note to physician:** Probable mucosal damage may contraindicate gastric lavage.  
**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office or the Environmental Protection Agency.

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

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

CHAPCO KD is used in cooling water systems and industrial water systems to control microbiological slime. In cooling systems, add 1-3 fl. oz. of CHAPCO KD to the cooling tower sump. In air-washing systems, add 3.5-6 fl. oz. of CHAPCO KD to the water-collection trays. Repeat treatments every 1-5 days, or as necessary, depending on relative amount of bleed and severity of slime problem.

CHAPCO KD is used to control sulfate-reducing bacteria in pulp and paper mill waterflooding operations at dosages of 0.83-1.66 fl. oz. of CHAPCO KD per gallon. Technical assistance in applying CHAPCO KD to a particular secondary problem should be requested when a description of the problem is provided.

CHAPCO KD is used to control bacterial and fungal slime in pulp and paper mill systems. Recommended treatment rates are 0.25-1.0 lb. of CHAPCO KD per ton of pulp per 2-6 hours out of each 8, each 12, or each 24 hours. Required concentration will depend on the rate of slime accretion. CHAPCO KD is added to the fan pump, and, if necessary, to fresh water, slush pulp, broke water, and other operations. To inhibit the growth of bacteria and fungi in papermaking operations, animal glue solutions, pigment slurries, coating formulations, and other materials, CHAPCO KD is added to these materials in concentrations of 50-400 ppm.

CHAPCO KD is also used to inhibit the growth of bacteria and fungi in coatings, emulsion resins, caulking-sealants, adhesives, and cutting fluids. CHAPCO KD is incorporated into the material to be protected at concentrations of 0.014-0.071% of total wet weight of the material.

CHAPCO KD is used to inhibit the growth of fungi and bacteria in water-based drilling fluids, packer fluids, and other water-based drilling fluids containing other organic materials. For these purposes CHAPCO KD is added at rates of 0.014-0.071% of fluid (0.014-0.071% by volume).

CHAPCO KD is a preservative used to control sulfate-reducing bacteria in the degradation of crude oil and diesel and distillate heating oils. CHAPCO KD should be added to the oil as it is being transferred from the shipping container at the rate of 6.0-12.0 fl. oz. CHAPCO KD per 1000 gal. oil. Addition may be intermittent or occurs or continuously to the suction side of the transfer pump.

**STORAGE & DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed. Open dumping is prohibited. Do not reuse empty containers.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or other material not used or chemically reprocessed should be disposed of in a safe place away from water supply.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and recycle where incinerator or landfill approved for pesticide containers.

**GENERAL:** Consult Federal, State, or local disposal regulations for alternative procedures such as limited open burning.

Manufactured by

**CHAPMAN CHEMICAL CO.**  
MEMPHIS, TENNESSEE 38102

EPA Reg. No. 1022-

Net Contents: As Marked on Container