

1022-563

11-20-2003

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

NOV 20 2003

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Gail Early  
Registration Representative for,  
ISB Biocides, Inc.  
416 East Brooks Road  
Memphis, TN 38109

Subject: Chapco KD  
EPA Registration Number 1022-563  
Your Submission Dated September 23<sup>rd</sup>, 2003  
EPA Received Date September 26<sup>th</sup>, 2003

The submission referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, to revise the product labeling to comply with PR Notice 2001-1 and 2001-6, is acceptable.

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

If you have any questions concerning this letter, please contact Karen M. Leavy-Munk at (703)-308-6237.

Sincerely,

A handwritten signature in cursive script that reads "M Swindell".

Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division

INERT INGREDIENTS ..... 99.97%  
Total ..... 100.0%

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

KEEP OUT OF REACH OF CHILDREN

**DANGER**

See Precautionary Statements

EPA Reg. No. 1022-563

EPA Est. No. 1022-TN-1

**PRECAUTIONARY STATEMENTS**

**DANGER**

Hazards to Humans and Domestic Animals

Corrosive. Causes eye and skin damage. 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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured by:

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:  
NOV 20 2003

IBC Manufacturing Company  
416 East Brooks Road  
Memphis, TN 38109

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for use pesticide,  
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1022-563

recovery system is available upon request when a description of the problem is provided.

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<b>FIRST AID</b>	
<b>IF ON SKIN OR CLOTHING:</b>	<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 further treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<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.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>▪ Call a poison control center or doctor immediately for treatment advice.</li> <li>▪ Have person sip a glass of water if able to swallow.</li> <li>▪ Do not induce vomiting unless told by a Poison Control Center or doctor.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p><b>In case of emergency, call Chemtrec toll free at 800-424-9300.</b>  <b>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</b></p>	

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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 Environmental Protection Agency.

**DIRECTIONS FOR USE**

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 air-washing systems to control microbiological slime. In cooling systems, add 1-3 fl. oz. of Chapco KD per 1000 gal of water to the cooling tower sump. In air-washing systems, add 3.5 – 6 fl. oz. of Chapco KD per 1000 gal of water to water collection trays. Repeat treatments every 1-5 days, or as needed. The required frequency depends on relative amount of bleed and severity of slime problem.

Chapco KD is used to control sulfate-reducing bacteria in petroleum secondary recovery waterflooding operations at dosages of 0.83 – 1.66 fl. oz. of Chapco KD per 1000 gal of water treated. Technical assistance in applying Chapco KD to a particular secondary recovery system is available upon request when a description of the problem is provided.

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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 or paper produced for periods of 2 – 6 hours out of each 8, each 12, or each 24 hours. Required concentrations and frequency of treatment will depend on the rate of slime accretion. Chapco KD is added to the white water or stock going to the fan pump, and, if necessary, to fresh water, slush pulp, broke, or other machine furnish components. To inhibit the growth of bacteria and fungi in papermaking additives (including alum solutions, animal glue solutions, pigment slurries, coating formulations, and starch slurries and solutions) Chapco KD is added to these materials in concentrations of 50 – 400 ppm (weight/weight).

Chapco KD is also used to inhibit the growth of bacteria and fungi in water-thinned paints or coatings, emulsion resins, caulking-sealants, adhesives and cutting fluids. For these applications, Chapco KD is incorporated into the material to be protected at concentrations of 0.03 – 0.2% based on total wet weight of the material.

Chapco KD is used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes Chapco KD is added at rates of 0.6 – 3.0 gal per 100 barrels of fluid (0.014 – 0.071% by volume).

Chapco KD is a preservative used to control sulfate-reducing bacteria and slime-forming bacteria that cause the degradation of crude oil and diesel and distillate heating oils during storage. Chapco KD should be added to the oil as it is being transferred from the shipping container to the storage tank at the rate of 6.0 – 12.0 fl. oz. Chapco KD per 1000 gal. oil. Addition may be made batchwise where mixing occurs or continuously to the suction side of the transfer pump.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**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.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and dispose of in an incinerator or landfill approved for pesticide containers.

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

ACCEPTED  
With County  
in EPA Reg. No. 1  
NOV 20 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide, registered under EPA Reg. No.

1022-563

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Direction for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product which appear on the product label. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made

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