

BEST DOCUMENT AVAILABLE

Tower Treat BD-10 Microbiocide

ACCEPTED
AUG 03 1984

ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate 10.0%

INERT INGREDIENTS 90.0%

This product contains 0.87 lb. of active ingredient per gallon and weighs 8.68 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN
WARNING

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.

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, 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 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 or fresh water. 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 of the Environmental Protection Agency.

Manufactured by:

Phoenix Laboratories, Inc.
1-A Headley Place
Eallsington, PA 19054

EPA REG. NO. _____ EPA EST. NO. _____

NET CONTENTS _____

DIRECTIONS FOR USE
GENERAL CLASSIFICATION

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

Tower Treat BD-10 Microbiocide is used in industrial and/or commercial recirculating cooling tower systems and industrial air-washing systems to control microbiological slime. Prior to the use of Tower Treat BD-10 Microbiocide in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 12.0 to 17.9 fl. oz. of Tower Treat BD-10 Microbiocide per 100 gal. of water to provide 100 to 150 ppm of Tower Treat BD-10 Microbiocide based on total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 6.0 to 17.9 fl. oz. of Tower Treat BD-10 Microbiocide per 100 gal. of water (50 to 150 ppm Tower Treat BD-10 Microbiocide) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of recirculating cooling tower systems.

Tower Treat BD-10 Microbiocide is used in industrial air-washing systems which maintain effective mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 28.1 to 35.9 fl. oz. of Tower Treat BD-10 Microbiocide per 100 gal. of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 21.0 to 35.9 fl. oz. of Tower Treat BD-10 Microbiocide per 100 gallons of water should be employed every 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the airwash system. Tower Treat BD-10 Microbiocide is used to control both aerobic and anaerobic bacteria, including sulfate-reducing organisms, in petroleum secondary-recovery waterflooding operations. In systems fruiled with microbiological deposits, Tower Treat BD-10 Microbiocide should be added as a slug dose to provide a concentration of 40 to 80 ppm (5.0 to 10.0 fl. oz. of Tower Treat BD-10 Microbiocide per 100 gal. of water treated). This should be followed by a continuous addition of Tower Treat BD-10 Microbiocide using a chemical-metering pump to maintain a concentration of 40 ppm, based on total weight of water treated. Both slug additions and continuous addition of Tower Treat BD-10 Microbiocide should be made at the heater-treater dump, gathering lines, or receiving tanks. Addition should always be made upstream to the filter.

Tower Treat BD-10 Microbiocide is also 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 Tower Treat BD-10 Microbiocide is used at rates of 3.6 to 18.0 gal per 100 barrels of fluid (0.09 to 0.43% by volume).

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE Do not expose to extreme temperatures. Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL Pesticide wastes are toxic. 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 PLASTIC Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. METAL Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

<p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION</p> <p align="center"><i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i></p>	<p>EPA REGISTRATION NO.</p> <hr/> <p>TERM OF ISSUANCE</p> <hr/> <p>NAME OF PESTICIDE PRODUCT</p>	<p>DATE OF ISSUANCE 03 AUG 1984</p>
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p align="center">BEST DOCUMENT AVAILABLE</p>		
<p>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.</p>		
<p>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.</p>		
<p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p>		
<p>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.</p>		
<p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>SIGNATURE OF APPROVING OFFICIAL</p>	<p>DATE</p>	