

BIOSPERSE[®] 210

MICROBIOCIDES FOR INDUSTRIAL USE ONLY

This product helps control bacterial and fungal slime growth in industrial recirculating water cooling towers and air washer systems.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to the BIOSPERSE[®] 210 microbiocide Product Data Sheet for use directions and other technical information.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Containers should be stored in a cool, dry, well ventilated area. Exercise due caution to prevent damage to or leakage from the container. Guard against contamination to prevent decomposition.

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 the nearest EPA Regional Office for guidance.

Triple rinse (or equivalent) all containers 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. Plastic containers may also be disposed of by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

ACTIVE INGREDIENTS:

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.....24%

INERT INGREDIENTS*.....76%

*Inert ingredients include solubilizing agents.

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed, promptly drink a large quantity of milk, beaten egg whites or gelatin solution. If these are not available, drink large quantities of water. Call a physician at once. Never give an unconscious person anything by mouth.

If on skin, immediately flush contacted area with copious quantities of water for at least 15 minutes. Remove and wash contaminated clothing.

If in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 1757-50
EPA Est. No. 1757-NJ-1
1757-NJ-2
1757-TX-1

ACCEPTED
JUL 19 1985
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1757-50



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes eye damage and skin irritation. May cause allergic skin reaction. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid contamination of food.

Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling. Use with adequate ventilation. See statement of practical treatment.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this product 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 into 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

NET CONTENTS MARKED ON DRUM

IMPORTANT NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label under normal conditions of use. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES WHETHER WRITTEN OR IMPLIED. THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN OTHER RESPECTS THAN AS EXPRESSLY SET FORTH HEREIN ARE EXPRESSLY EXCLUDED AND DISCLAIMED.

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BIOSPERSE® 210 microbiocide provides excellent control of a broad spectrum of microorganisms commonly found in industrial recirculating water cooling towers and air washers. It is a potent slimeicide designed for the control of the growth of bacterial and fungal slime. BIOSPERSE® 210 contains solubilizing agents which ensure good distribution throughout the system and efficient penetration of slime masses.

BIOSPERSE® 210 is not to be used in potable water systems or where contamination of potable water may occur.

DESCRIPTION

Composition: Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione

Appearance: Clear pale yellow to amber liquid

Odor: Mild

Flash Point: 150 - 155°F (PMCC)

pH: 12-14 (neat)

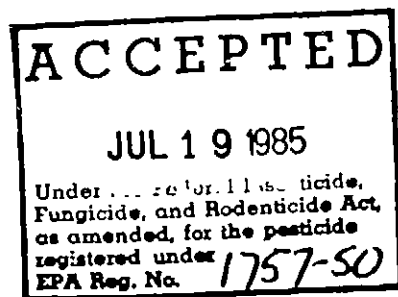
Specific Gravity: 1.16-1.20 at 25°C

Weight per U.S. Gallon: 9.8 pounds

Water Solubility: Complete in all proportions

Storage: Avoid extreme heat or freezing

Packaging: 55 gallon, lined, steel drums



DOSAGE

The dosage of BIOSPERSE® 210 required for any specific application will depend upon a number of factors including: the nature and extent of the microbiological contamination, the type and volume of the system being treated, the degree of control desired, and retention time in the system.

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COOLING TOWERS

Dosages for industrial recirculating water cooling towers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply BIOSPERSE® 210 to the cleaned system or when growth is first noticed, according to the following schedule:

Initial Dosage:

Apply 0.5 to 1.0 pint of product per each 1000 gallons of water in the system (60-120 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slimeforming organisms.

Subsequent Dose:

When microbial control is evident add one-fourth to one-half pint of BIOSPERSE® 210 per 1000 gallons of water (30-60 ppm) in the system every three days or as needed to maintain good control. Apply half of the subsequent dose of BIOSPERSE® 210 when half of the water in the system has been lost by blowdown.

AIR WASHERS

For use in industrial air washing systems that maintain effective mist eliminating components. In treating air washer systems, preclean by introducing a suitable detergent solution into the system, and allow air washer to run with fan off for two (2) hours. Flush. Check all nozzles, and manually clean those that are plugged. Add product as specified under dosages for Cooling Towers.

FEEDING

BIOSPERSE® 210 may be fed directly from the drum or diluted with water and fed by any suitable feed system. BIOSPERSE® 210 should be dosed directly into the sump or basin or any other location where good distribution can be assured.

When required, your Drew service engineer will arrange for microbiological and chemical analyses and offer technical advise concerning your specific problems.



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E.P.A. Reg. No. 1757-50