

BIOSPERSE[®] 32

INDUSTRIAL MICROBIOCIDES FOR INDUSTRIAL USE ONLY

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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 EPA.

STORAGE AND DISPOSAL

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

STORAGE:

Keep container closed when not in use. 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. Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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.

CONTAINER DISPOSAL:

METAL CONTAINERS: 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.

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

BEFORE HANDLING OR USING, READ AND UNDERSTAND CURRENT MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT.

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, ORAL 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.

NOTE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS.

PRI BS 3204 FA 8-03

ACTIVE INGREDIENTS:

Poly [oxyethylene (dimethyliminio) ethylene
(dimethyliminio) ethylene dichloride] 15%

INERT INGREDIENTS: 85%

TOTAL 100.0%

CONTAINS 1.3 POUNDS OF ACTIVE INGREDIENT PER GALLON

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label and MSDS with you when calling a poison control center or doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 1757-100

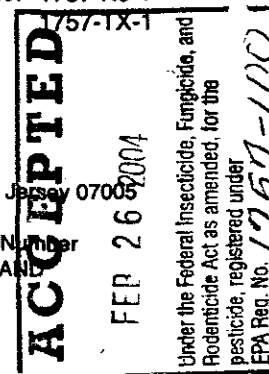
EPA Est. No. 1757-NJ-1

Sold by:



Ashland Chemical Company
Division of Ashland Inc.

One Drew Plaza, Boonton, New Jersey 07005
Phone (973) 263-7600
24 Hour Emergency Telephone Number
1-800-274-5263 or 1-800-ASHLAND
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DIRECTIONS FOR USE

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

RECIRCULATING COMMERCIAL AND RECIRCULATING INDUSTRIAL WATER COOLING TOWERS

BIOSPERSE® 3204 is used to control algae, bacteria, and fungi in recirculating commercial and recirculating industrial water cooling towers. It is also employed for the control of algae, bacteria, and fungi in fresh water used in industrial processes. Prior to the use of BIOSPERSE® 3204, systems must be cleaned to remove algae growth, microbiological slime, and other deposits. An initial slug addition of 3.6 to 9.0 fluid ounces of BIOSPERSE® 3204 per 1000 gallons of contained water, to provide a concentration of 29 to 73 ppm of BIOSPERSE® 3204 based on the total weight of water in the system. Repeat until control is achieved.

Subsequent slug additions of 0.9 to 9.0 fl. oz. of BIOSPERSE® 3204 per 1000 gallons of contained water (7.3 to 73 ppm of BIOSPERSE® 3204) should be made 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.

MOLLUSK CONTROL

BIOSPERSE 3204 is also used for control of mollusks in recirculating cooling water and industrial process water systems. Prior to BIOSPERSE 3204 use, system should be cleaned to remove mollusk and other deposits. Feed BIOSPERSE 3204 at a dosage of 1-10 fl. oz. per 1000 gallons of water (8-80 ppm). Additions should be made continuously or intermittently to the intake water. Continuous addition is required for noticeably fouled systems. Intermittent feeding is used to maintain control.

AIR WASHER SYSTEMS

BIOSPERSE® 3204 is used to control bacteria in industrial air-washing systems that 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 13.32 to 22.20 fl. oz. of BIOSPERSE® 3204 per 1000 gal. of water (107-180 ppm of BIOSPERSE® 3204). Repeat initial dosage until control is evident. Subsequent slug additions of 6.75 to 16.65 fl. oz. of BIOSPERSE® 3204 per 1000 gallons of water should be used every 1 to 5 days or as needed. The frequency of addition depends on the relative bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or water collection trays of the airwash system.

COOLING TOWER WOOD

BIOSPERSE® 3204 is used to protect cooling tower wood against soft or surface rot and internal dry rot. It is applied by spraying or painting a dispersion containing 2.0 to 2.8% BIOSPERSE® 3204 in water onto the clean wood surfaces. The amount applied should provide .75 to 3.2 lbs. BIOSPERSE® 3204 per 1000 sq. ft. of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of BIOSPERSE® 3204 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 5.0 lbs of BIOSPERSE® 3204 per 1000 gallons of water and the bleedoff should be stopped for 4 to 6 hrs. after treatment. The shock treatment should be repeated every four months.

DECORATIVE FOUNTAINS AND PONDS

BIOSPERSE 3204 is used to control the growth of algae in decorative fountains and ponds that do not contain fish. Heavy growth of algae should be manually cleaned prior to treatment. Fountains and ponds with just visible algae growth require an initial dose of 4.0-8.0 fl. oz. BIOSPERSE 3204 per 1,000 gallons of water. To freshly cleaned and filled fountain add 2.0-6.0 fl. oz. of BIOSPERSE 3204 per 1,000 gallons of water. Subsequent dose of 0.8-2.0 fl. oz. of BIOSPERSE 3204 per 1,000 gallons of water should be added every 5 to 7 days as needed. BIOSPERSE 3204 may be used in fountains and ponds treated with chlorine chemicals, but do not mix BIOSPERSE 3204 with concentrated dry or liquid chlorine products.

GAL. NET CONTENTS: _____ BATCH NO: _____