

1757-67

4-4-2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

1757-67

Date of Issuance:

APR 04 2001

Term of Issuance: Conditional

Name of Pesticide Product:

Biosperse 250

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ashland Specialty Divisions
Drew Industrial Division
One Drew Plaza
Boonton, N.J. 07005

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the Reregistration Eligibility Document for Methylothiazolinone RED, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

1. Make the following label changes:

a. Revise the EPA Registration No. to read "EPA Reg. No. 1757-67".

Signature of Approving Official:

Marshall Swindell, PM 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

APR 04 2001

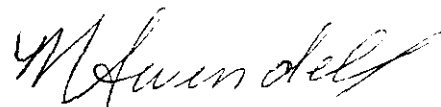
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2. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label is enclosed for your records.

) If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

)

REDUCED 64%

BIOSPERSE[®] 250

MICROBIOCIDE

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

**CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS.
MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF INHALED.
HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.**

Do not get in eyes, on skin, on clothing. Mixers, loaders and others exposed to this product must wear long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic plants, fish and aquatic invertebrates. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply pesticide only as specified on this label.

ACTIVE INGREDIENTS

5-Chloro-2-methyl-4-isothiazolin-3-one	1.15%
2-Methyl-4-isothiazolin-3-one	0.41%
INERT INGREDIENTS	98.44%
TOTAL	100.0%

The product contains the active ingredients at 0.1326 pounds per gallon

KEEP OUT OF REACH OF CHILDREN **DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
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. 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR ON 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.

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.

EPA Reg. No.: 1757-67

EPA Est. No.: 1757-NJ-01
1757-TX-01

FOR INDUSTRIAL USE ONLY NET CONTENTS MARKED ON DRUM

Sold by:
 Drew
Industrial Division

Contents could be of
U.S. or Great Britain

 Ashland Chemical

Ashland Chemical Company
Division of Ashland Inc.

One Drew Plaza, Boonton, New Jersey 07005
Phone (973) 263-7600/Telex 136444
24 Hour Emergency Telephone Number
1-800-274-5263 or 1-800-ASHLAND
® Registered trademark of Ashland Inc.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

BIOSPERSE 250 microbicide controls bacteria, fungi and algae in industrial recirculating cooling water systems such as cooling towers, pasteurizers, air washers and evaporative condensers and for use as a preservative in aqueous metal working fluids.

BIOSPERSE 250 microbicide controls slime forming bacteria, sulfate reducing bacteria, yeast and fungi in oil field injection water and other oil field water systems.

BIOSPERSE 250 microbicide is not recommended for use in potable water systems or where contamination of potable water can occur.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

For control of microorganisms add 25-100 ppm (0.21-0.84 pounds or 3.1-12.6 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbicide to the system. The amount of antimicrobial required will depend on the nature and extent of contamination, quality of the makeup water and the degree of control required.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, apply 50-100 ppm (0.42-0.84 pounds or 6.3-12.6 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbicide to the system. Repeat periodically until control is achieved. Badly fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident, add 25-50 ppm (0.21-0.42 pounds or 3.1-6.3 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbicide to the system weekly or as needed to maintain control.

Pasteurizers

Dosages for industrial recirculating cooling water systems associated with pasteurizers will vary depending upon the condition of the pasteurizer when treatment is begun and the retention time in the system.

In general, BIOSPERSE 250 microbicide should be slug fed at dosages of 0.21 to 0.84 pounds (3.1 to 12.6 fluid ounces) per each 1000 gallons of water in the system.

For pasteurizers, BIOSPERSE 250 microbicide should be added into the pre-cool reservoir or any other convenient point in the system which will allow for good distribution.

Enhanced Oil Recovery

Initial Dose: Apply 50-100 ppm (17.45-34.90 pounds or 2.03-4.06 gallons per each 1000 barrels of water) of BIOSPERSE 250 microbicide one to four times per week or as needed to achieve control.

Maintenance Dose: When microbial control is evident, add 10-80 ppm (3.44-27.95 pounds or 0.40-3.20 gallons per each 1000 barrels of water) of BIOSPERSE 250 microbicide one to four times per week or as needed to maintain control.

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 04 2001

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

17-57-67

Additions of BIOSPERSE 250 microbicide may be made at the free water knockouts, before or after the injection pumps and injection well headers or at any point from which uniform mixing throughout the system can be achieved.

METAL WORKING FLUIDS

To maintain an uncontaminated system, a minimum dosage level of approximately 225 ppm (1.93 pounds or 29 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbicide every four weeks would be appropriate. Every eight to twelve weeks, 250-1200 ppm (2.07-9.94 pounds or 31-148 fluid ounces per 1000 gallons of water) of BIOSPERSE 250 microbicide would be appropriate. For a noticeably fouled system, an initial treatment at a dosage range of 500-1180 ppm (4.14-9.63 pounds or 62-143 fluid ounces per 1000 gallons of water in the system) would be suitable followed by maintenance dosages. Higher dosages and more frequent treatments may be needed depending on the rate of dilution of the preservative in the makeup fluid, the nature and severity of contamination, the level of control required, the effectiveness of filtration and the system design.

**STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD, AND FEED
BY STORAGE AND DISPOSAL**

PESTICIDE STORAGE: This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

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 by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL: CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

IMPORTANT NOTICE: Seller warrants that the product conforms to its chemical description and is reasonable 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.



**CORROSIVE LIQUID, ACIDIC,
ORGANIC, N.O.S.**

(5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE)

UN 3265

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