

Drew Chemical Corporation
One Drew Chemical Plaza
Boonton, NJ 07005

Attention: Rochelle B. Galiber
Supervisor Government Regulations

25 OCT 1984

Gentlemen:

Subject: Biosperse® 280
EPA Registration No. 1757-51
Your Application Dated August 15, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

At the next printing, include the following revisions.

- a. Include the following statement to the air washer section (Product Data sheet):

For use only in industrial air washing systems that maintain effective mist eliminating components.

- b. The preferred nomenclature for the second active ingredient is (label):

Nabem (disodium ethylene bisdithiocarbamate)

Sincerely yours,

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

RD-33:DCR-35996:JLee:kes:10/19/84:Kendrick & Co.-898-1270

ENCLOSURE

SEARCHED									
SERIALIZED									
INDEXED									

MICROBIOCIDE FOR INDUSTRIAL USE ONLY

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

DIRECTIONS FOR USE

GENERAL CLASSIFICATION:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to the BIOSPERSE® 280 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. Store in a cool dry place. Avoid extreme heat or freezing. Keep container closed. Do not store in confined areas where vapors can concentrate.

DISPOSAL: Wastes (pesticide or rinseate) resulting from the use of this product that cannot be used or chemically reprocessed may be disposed of on site or at an approved waste disposal facility.

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

Sodium dimethyldithiocarbamate 15%
Disodium ethylene bisdithiocarbamate 15%
INERT INGREDIENTS 70%

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENT OF PRACTICAL TREATMENT

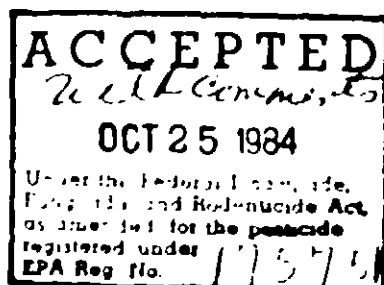
If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician immediately.

If on skin, wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg No. 1757-51
EPA Est. No. 1757-NJ 1
1757-NJ 2
1757-TX-1



Drew Chemical Corporation

One Drew Chemical Plaza, Boonton, New Jersey 07005
Phone (201) 263-7600 Telex 130444

PRECAUTIONARY STATEMENTS

HAZARDOUS TO
AND DANGEROUS TO

WATER

Causes skin and eye irritation on skin, or on clothing absorbed through skin.

Wear goggles, gloves, and clothing (long sleeves) when handling. Wash thoroughly. See statement of first aid.

ENVIRONMENTAL PRECAUTIONS

This pesticide is toxic to fish. Do not treat effluent to public waters unless under NPDES permit. Contact Regional Office of EPA for more information.

NET CONTENTS

IMPORTANT NOTICE: See the chemical description and other information on the label and on the side panel for more information. KEEP THIS INFORMATION IN A SAFE PLACE. PREVENT CHILDREN FROM GETTING TO THIS INFORMATION.

cooling towers, air washer systems and evaporative condensers.

BIOSPERSE® 280 is not to be used in potable water systems or where contamination of potable water can occur.

DESCRIPTION

Composition: A synergistic blend of selected organosulfur compounds and solubilizing agents.

Active Solids: 30.0 ± 0.5%

Appearance: A clear yellow-green liquid

Odor: Mild, H₂S

Flash Point: None (PMCC)

Freezing Point: 10-12°F/-12.2 to -11.1°C

pH: 10.5-12.5 (at 25°C)

Specific Gravity: 1.13-1.17 (at 25°C)

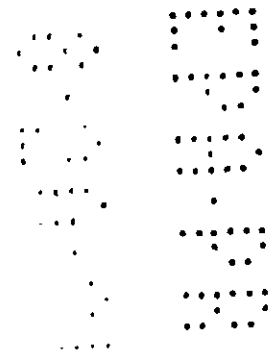
Weight per gallon: 9.8 pounds

Water Solubility: Complete in all proportions

Storage: Avoid extreme heat or freezing

Packaging: 55 gallon lined steel drums

ACCEPTED
With Comments
OCT 25 1984
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No.



A statement of the manufacturer, Drew Chemical Corporation, is hereby made that the above information is true and correct to the best of the manufacturer's knowledge and belief, and that the information is true and correct to the best of the manufacturer's knowledge and belief, and that the information is true and correct to the best of the manufacturer's knowledge and belief.

B10-DS-15

DOSAGE

The dosage of BIOSPERSE® 280 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.

COOLING TOWERS AND EVAPORATIVE CONDENSERS

Dosages for industrial recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply BIOSPERSE® 280 to the cleaned system or when growth is first noticed, according to the following schedule:

Initial Dose: Apply 13.06 fluid ounces of product per each 1000 gallons of water in the system (120 ppm). This dose may be repeated once, twice or three times weekly or as required to control the growth of slime-forming organisms.

Subsequent Dose: When microbial control is evident, add 2.18 to 4.36 fluid ounces of BIOSPERSE® 280 per 1000 gallons of water (20-40 ppm) in the system every three days or as needed to maintain good control.

AIR WASHERS

In treating air washer systems, preclean by introducing a suitable detergent 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® 280 may be fed directly from the drum or diluted with water and fed by any suitable feed system. BIOSPERSE® 280 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 advice concerning your specific problems.