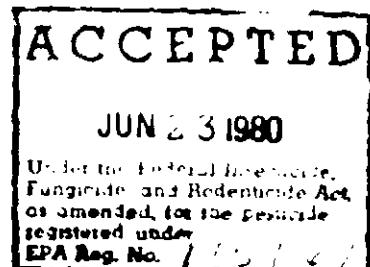


E[®] 250

**BIOCIDE
ONLY**



PRECAUTIONARY STATEMENTS

5%
5%
0%
0%

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

DANGER

EN

Corrosive. Causes eye and skin damage.
Harmful if swallowed or absorbed through
skin. May cause allergic skin reaction. May
be harmful if inhaled.

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Do not get in eyes, on skin, on clothing.
Wear goggles or face shield and rubber
gloves when handling. Avoid breathing
vapor or mist. Avoid contamination of food.
Do not take internally. Wash thoroughly
after handling.

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ENVIRONMENTAL HAZARDS

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or at

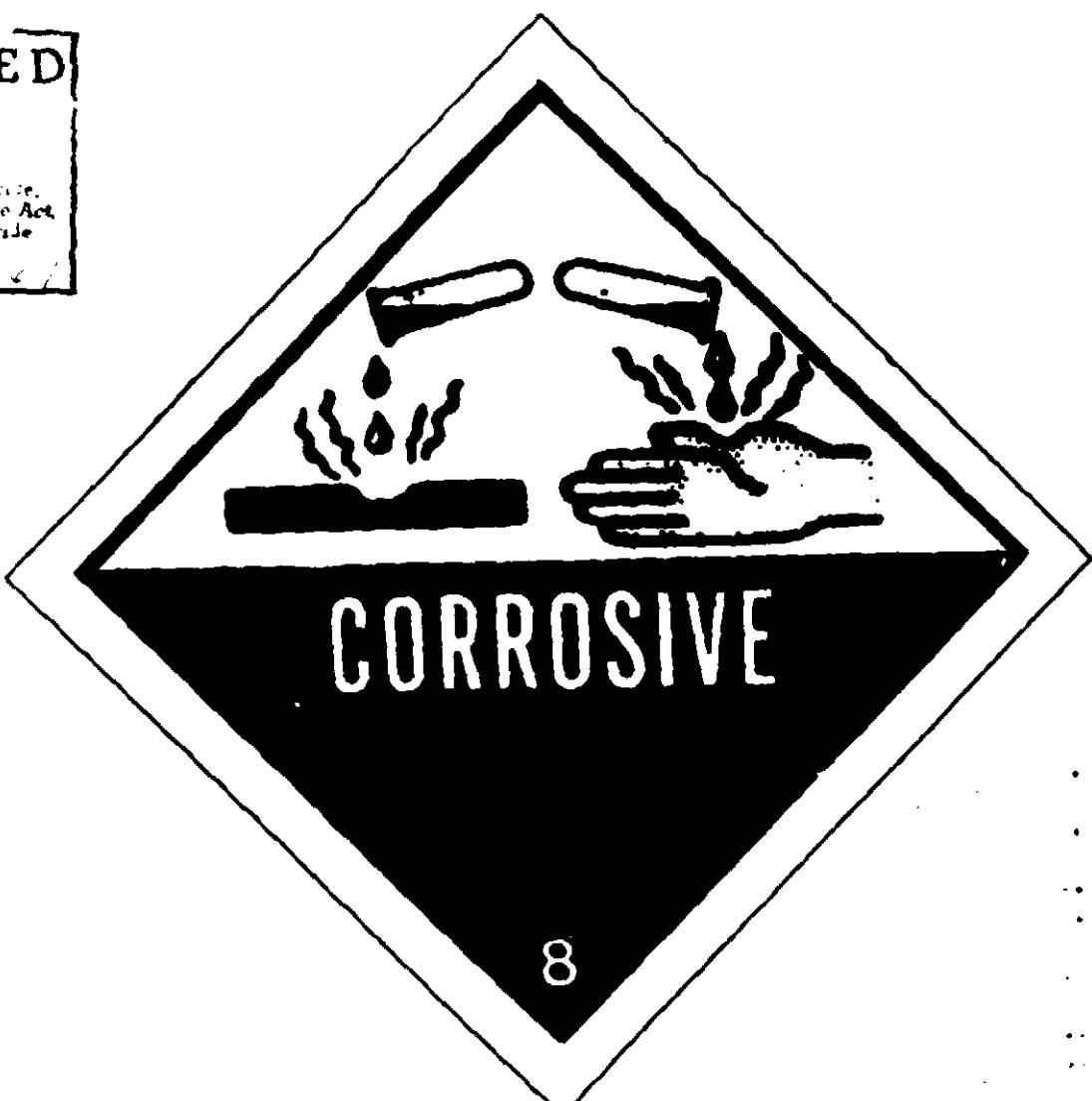
This product is toxic to fish. Do not dis-
charge treated effluent into lakes, streams,
ponds or public waters unless in accord-
ance with an NPDES permit. For guidance,
contact your Regional Office of the EPA.

PRE-

NOTE Refer to the Biosperse 250 Product
Data Sheet for use directions and other
technical information.

7
NJ 1
NJ 2
TX 1

NET CONTENTS 55 gallons liquid



**Water Treatment
Compound, Liquid**

New Chemical Corporation
One Drew Chemical Plaza, Boonton, New Jersey 07005

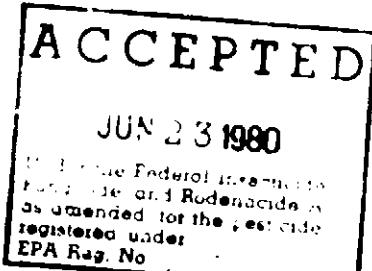
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Cooling Water Treatment

Product Data

Biosperse® 250



Introduction

Biosperse 250 is a broad spectrum microbial control agent designed specifically for control of bacteria, fungi and algae in industrial recirculating cooling water systems such as cooling towers, air washers and evaporative condensers and for use as a preservative in aqueous metal working fluids.

Biosperse 250 provides:

- Broad spectrum control of microorganisms in cooling water systems, metal working fluids and other industrial water systems.
- Metal working fluid preservative treatment.
- Alkalinity, hardness and pH control.
- Corrosion control by inhibiting the formation of scale and sludge.
- Biodegradation of organic materials.

Biosperse 250 is not recommended for use in closed water systems or where contamination of treated water is critical. The 250 ppm dose rate is suggested for use in cooling towers, air washers, evaporative condensers and for use as a preservative in aqueous metal working fluids. Recommended professional personnel to assist in the determination of level and rate of treatment for your specific application are so designated on page 9.

Typical Chemical and Physical Properties

Appearance	Light tan liquid.
Odor	Characteristic.
Specific Gravity	1.02 - 1.04
Viscosity	1.4 - 1.6
Density	1.02 - 1.04
Weight per Gallon	8.8 lbs.
Sample Size	12 fl. oz. (355 ml.)
Packaging	16 fl. oz. (473 ml.) plastic bottle.

Dosage

The dosage of Biosperse 250 will depend upon the type of system, the degree of contamination and the extent of the control required. The following guidelines are suggested for use as a starting point. It is recommended that you consult with your local distributor or a professional for specific recommendations.

Application

Industrial Recirculating Cooling Water Systems

For control of microorganisms add 0.21 to 0.84 pounds (3.1 to 12.6 fluid ounces) of Biosperse 250 per 1000 gallons of water in the system. The amount of antimicrobial required will depend on the nature and extent of contamination, quality of the make-up water, and the degree of control required.

Intermittent or Slug Method

Initial Dose: When the system is noticeably fouled, apply 0.42 to 0.84 pounds (6.3 to 12.6 fluid ounces) of Biosperse 250 per 1000 gallons of water in the system. Repeat periodically until control is achieved. Biotically fouled systems must be cleaned before treatment is begun.

Subsequent Dose: When microbial control is evident add 0.21 to 0.42 pounds (3 to 6.8 fluid ounces) of Biosperse 250 per 1000 gallons of water in the system weekly or as needed to maintain control.

Metal Working Fluids

For control of microorganisms add 0.21 to 0.84 pounds (3.1 to 12.6 fluid ounces) every 4 weeks or 1.07 to 3.43 pounds (17.1 to 48 fluid ounces) every 6 to 12 weeks. Biosperse 250 per 1000 gallons of water would be appropriate. For instance, in a flooded system, adding treatment at the target range of 0.21 to 0.84 pounds (3.1 to 14.3 fluid ounces) of water in the system would be suitable. Lower dosages and more frequent treatments may be needed depending on the rate of growth of the preservative in the make-up fluid, the nature and severity of contamination, the level of control required, the effectiveness of filtration and the system design.

Suggested First Aid Measures

Eye Exposure: Flush IMMEDIATELY with copious amounts of water for at least 15 minutes with the eyes held open. Get medical attention. Do not flush eyes.

Ingestion: Flush IMMEDIATELY with plenty of water. Do not induce vomiting. Remove any undissolved contaminated article from mouth. If possible, drink a glass of water.

Respiratory: Remove to fresh air. If breathing is difficult, administer oxygen and rotate individual areas.

Severe Burns: Cover large quantities of skin with egg white. If this material is not available, large quantities of water should be applied. DO NOT INDUCE VOMITING. Do not wrap wet dressings around the area. NOTE: DO NOT INDUCE VOMITING. After severe burns, seek medical attention. Severe Measures against shock should be taken. Call your physician immediately.

Suggested Handling of Spills

Personnel cleaning up spills should wear overshoes, coveralls, and protective clothing. The spilled material is contained and absorbed in an inert solid such as sand, sawdust or vermiculite. The absorbent is then shoveled into a plastic drum and treated with enough decontaminant solution to wet the solid thoroughly. Let these containers stand open for 48 hours to avoid the build up of pressure, then seal and dispose.

If a spill occurs on land, the contaminated area is washed with a 1% decontaminant solution and then flushed into a chemical sewer. Do not discharge spills and cleaning runoff into municipal sewers and open bodies of water. Small spills can be treated with hypochlorite and flushed with water into a chemical sewer. The recommended decontaminant solution is 8 lb. calcium hypochlorite (65% active ingredient), 1 lb. sodium hydroxide (NaOH) and 77 lb. water.

EPA Reg. No. 1757-67

