

# BIOBAN™ CS-1246

## ANTIMICROBIAL AGENT FOR CONTROL OF BACTERIA IN AQUEOUS SYSTEMS

### Active Ingredients:

7 a-Ethyldihydro-1H, 3H,  
5H-oxazolo[3,4-C] oxazole.....97.0%  
Inert Ingredients:.....3.0%  
TOTAL 100%

E.P.A. Registration No. 464-667  
E.P.A. Est. 48301-LA-1

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals  
**CAUSES EYE DAMAGE AND SKIN  
IRRITATION • HARMFUL IF  
INHALED OR SWALLOWED • MAY  
BE FATAL IF ABSORBED  
THROUGH SKIN**

Do Not Get In Eyes, On Skin, Or On  
Clothing • Wear Goggles Or Face Shield  
and Rubber Gloves When Handling • Wash  
Thoroughly With Soap And Water After  
Handling



**THE DOW CHEMICAL COMPANY**  
Midland, Michigan 48674 U.S.A.

1-800-258-CHEM

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78993-10/4/2001-1825 Active

### FIRST AID:

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

**If swallowed:** Call a poison control center or doctor immediately or 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.

**If on skin:** 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.

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

### ENVIRONMENTAL HAZARDS

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.

**IN CASE OF AN EMERGENCY** endangering life or property involving this product, call collect **989-636-4400**.

ACCEPTED

JAN 16 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. **464-667**

### STORAGE AND DISPOSAL

**Storage:** Store in a cool (less than 100°F) dry location. Keep container tightly closed when not in use. Do not store near strong (concentrated) acids. Do not contaminate water, food, or feed by storage or disposal.

**Pesticide 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.

**Container Disposal:** 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.

### DIRECTIONS FOR USE

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

### FOR USE IN:

#### WATER-BASED METALWORKING FLUID

To inhibit the growth of bacteria, add 0.04 to 0.2% (400-2000ppm) of Bioban CS-1246 directly to the use diluted fluid. Not for use in non-aqueous concentrates.

#### ADHESIVES (NON-FOOD CONTACT)

For control of microbial contamination, add 0.04 to 0.2 lb of Bioban CS-1246 per 100 lb total formulation weight.

#### PAINTS, INKS, EMULSIONS AND SLURRIES

Bioban CS-1246 is effective as a preservative in water-containing systems, such as latex paints and inks, resin emulsions, wax emulsions, and slurries at a concentration of 0.04 to 0.2 lb per 100 lb total formulation weight. Bioban CS-1246 may be added at any point in the manufacturing cycle. The recommended rate for preservation of inks and latex paints is 0.04 to 0.2 lb per 100 lb of the formulation. The recommended rate for preservation of resin emulsions is approximately 0.1 lb per 100 lb of the formulation. For slurries recommended rates are 0.04 to 0.2 lb per 100 lb.

#### SURFACTANT PRESERVATION

To inhibit bacterial spoilage during shelf-life storage and the use of bulk anionic, nonionic amphoteric and cationic surfactants when supplied for the manufacture of industrial and consumer products. Bioban CS-1246 may be added at any convenient point during the manufacturing process. Bioban CS-1246 should be dosed at 0.04 to 0.2 lb per 100 lb based on the final formulation volume.

#### CONSUMER, HOUSEHOLD AND INSTITUTIONAL PRODUCTS

To inhibit bacterial spoilage during the production and shelf-life storage and use of consumer, household and institutional products, including dishwashing liquids, surface cleaners, laundry cleaners and polishes. Dose at 0.04 to 0.2 lb per 100 lb (400-2000ppm). Not for use where contact of food will occur.

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