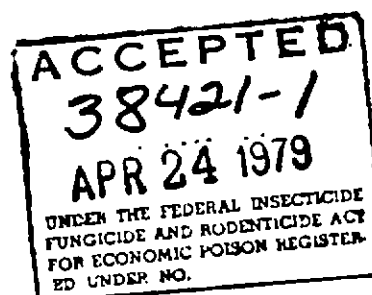


# hydrotreat

## BIO-TREAT 12



### ACTIVE INGREDIENT

2-chloro-2-ethyl-1,3-dioxane (dimethyliminio) ethylene-  
(dimethyliminio) ethylene dichloride 10.0%

### INERT INGREDIENT

90.0%

This product contains 0.85 lb. of active ingredient per gallon and weighs 8.49 lb. per gallon.

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

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

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds or public water. For guidance, contact the regional office of the Environmental Protection Agency.

BEST DOCUMENT AVAILABLE



WATER TREATMENT SERVICE AND ENGINEERING

hydrotreat engineering

### DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

**BIO-TREAT 12** is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slime, and other deposits.

An initial slug addition of 6.13 to 15.32 fluid ounces of **BIO-TREAT 12** per 1000 gallons of water to provide a concentration of 48 to 120 parts per million of **BIO-TREAT 12**, based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 1.53 to 15.32 fluid ounces of **BIO-TREAT 12** per 1000 gallons of water (12 to 120 parts per million of **BIO-TREAT 12**) should be employed 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. Slug additions should be made in the sump of water cooling towers.

**STORAGE & DISPOSAL:** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. The container must be triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place. Rinsate that cannot be used or reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Open dumping is prohibited.

#### Manufactured by:

Hydrotreat Engineering  
6829 Hawthorne Park Drive  
Indianapolis, IN 46220

EPA REG. NO. 38421-1

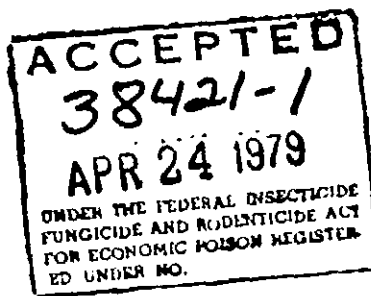
EPA EST. NO. 38421-IN-1

NET CONTENTS:

GALS.

# hydrotreat

## BIO-TREAT 12



### ACTIVE INGREDIENT

Polyloxylene (dimethyliminio) ethylene- 10.0%  
(dimethyliminio) ethylene dichloride)

INERT INGREDIENT 90.0%

This product contains 0.85 lb. of active ingredient per gallon and weighs 8.49 lb. per gallon.

### KEEP OUT OF REACH OF CHILDREN CAUTION

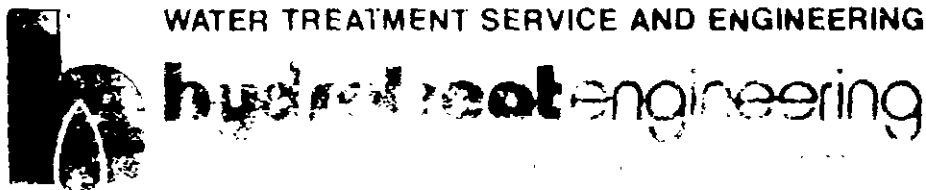
#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

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

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds or public water. For guidance, contact the regional office of the Environmental Protection Agency.

BEST DOCUMENT AVAILABLE



### DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

**BIO-TREAT 12** is used to control algae, bacteria, and fungi circulating commercial and industrial water cooling towers. Its use, systems must be cleaned to remove algal growth, biological slime, and other deposits.

An initial slug addition of 6.13 to 15.32 fluid ounces of **BIO-TREAT 12** per 1000 gallons of water to provide a concentration of 48 parts per million of **BIO-TREAT 12**, based on the total weight of water in the system, is recommended. Repeat initial dosage control is evident.

Subsequent slug additions of 1.53 to 15.32 fluid ounces of **BIO-TREAT 12** per 1000 gallons of water (12 to 120 parts per million of **BIO-TREAT 12**) should be employed 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. Additions should be made in the sump of water cooling tower.

**STORAGE & DISPOSAL:** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal, or use of equipment. The container must be triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place. Rinsate that cannot be used for other purposes should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Open flame is prohibited.

#### Manufactured by:

Hydrotreat Engineering  
6829 Hawthorne Park Drive  
Indianapolis, IN 46220

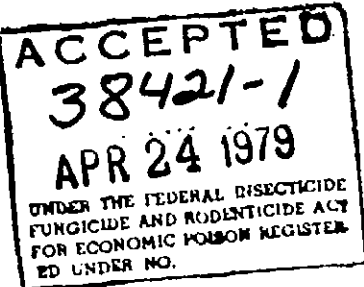
EPA REG. NO. 38421-1

EPA EST. NO. 384

NET CONTENTS:

GALS.

# hydrotreat



## BIO-TREAT 12

INGREDIENT  
ethylene (dimethyliminio) ethylene-  
chloride) ..... 10.0%  
..... 90.0%  
contains 0.85 lb. of active ingredient per gallon and  
0.85 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
Harmful if swallowed. Avoid breathing vapors. Avoid  
skin, eyes, or clothing.  
If swallowed, drink promptly a large quantity of milk,  
gelatin solution, or, if these are not available, drink large  
water. Avoid alcohol. Call a physician immediately.  
**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep  
from streams, or ponds. Permits may be required for dis-  
charging this pesticide into lakes, streams, ponds or  
For guidance, contact the regional office of the Envi-  
ronment Protection Agency.

**BEST DOCUMENT AVAILABLE**

WATER TREATMENT SERVICE AND ENGINEERING

# hydrotreat engineering

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

It is a violation of Federal law to use this product in a manner in-  
consistent with its labeling.

**BIO-TREAT 12** is used to control algae, bacteria, and fungi in re-  
circulating commercial and industrial water cooling towers. Prior to  
its use, systems must be cleaned to remove algal growth, micro-  
biological slime, and other deposits.

An initial slug addition of 6.13 to 15.32 fluid ounces of **BIO-TREAT 12** per 1000 gallons of water to provide a concentration of 48 to 120 parts per million of **BIO-TREAT 12**, based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 1.53 to 15.32 fluid ounces of **BIO-TREAT 12** per 1000 gallons of water (12 to 120 parts per million of **BIO-TREAT 12**) should be employed 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. Slug additions should be made in the sump of water cooling towers.

**STORAGE & DISPOSAL** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. The container must be triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place. Rinsate that cannot be used or re-processed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Open dumping is prohibited.

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