

**DELTA**  
**CHEMICAL & SERVICE INC.**

13910 N.W. 19th Ave.  
 Opa Locka, Fla 33068  
 Telephone  
**685-8800**

**A-440**

**ACCEPTED**  
 42556-2  
 JUN 6 1980

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

**ACTIVE INGREDIENT**  
 Poly[oxyethylene (dimethyliminio) ethylene-(dimethyliminio) ethylene dichloride] . . . . . 15.0 %

**INERT INGREDIENT** . . . . . 85.0 %

This product contains 1.29 lb. of active ingredient per gallon and weighs 8.58 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.

**DIRECTIONS FOR USE**  
**GENERAL CLASSIFICATION**

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

A-440 is used to control algae, bacteria and fungi in recirculating commercial and industrial water cooling towers. To its use, systems must be cleaned to remove algal growth, microbial slime, and other deposits. An initial slug addition of 4.0 to 10.0 fluid ounces of A-440 per 1000 gallons of water to provide a concentration of 32 to 80 parts per million A-440, based on the total weight of water in the system, is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 1.0 to 10.0 fluid ounces of A-440 per 1000 gallons of water (80 parts per million of A-440) 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 microbial problem. Slug additions should be made in the sump of water cooling towers.

A-440 is used to control bacteria in industrial air-washing systems that maintain effective mist eliminating components. To its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 14.8 to 24.7 fluid ounces of A-440 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 10.1 to 24.7 fluid ounces of A-440 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the water collection trays of the airwash system.

**STORAGE & DISPOSAL:** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Do not reuse empty container. Triple rinse (or equivalent) and dispose of container in an incinerator or in an approved landfill, or in a safe place. Rinstate 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:

**Delta Chemical & Service, Inc.**  
 13910 N.W. 19th Avenue  
 Opa Locka, FL 33054

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13910 N.W. 19th Ave  
Opa Locka, Fla 33051  
Telephone  
**685-8800**



**DELTA**  
**CHEMICAL & SERVICE INC.**

**A-440**

ACCEPTED  
42556-2  
JUN 6 1983

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

**ACTIVE INGREDIENT**

Poly[oxyethylene (dimethyliminio) ethylene-(dimethyliminio) ethylene dichloride]

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CAUTION**

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HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

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

**A-440** 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 4.0 to 10.0 fluid ounces of **A-440** per 1000 gallons of water to provide a concentration of .32 to .80 parts per million of **A-440** based on the total weight of water in the system is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 1.0 to 10.0 fluid ounces of **A-440** per 1000 gallons of water (.8 to 8.0 parts per million of **A-440**) 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.

**A-440** is used to control bacteria in industrial air washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 14.8 to 24.7 fluid ounces of **A-440** per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 10.1 to 24.7 fluid ounces of **A-440** per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

**STORAGE & DISPOSAL:** Keep container closed when not in use. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Do not reuse empty container. Triple rinse (or equivalent) and triple rinse container in an incinerator or in an approved landfill, or bury in a safe place. Empty containers that cannot be used or reprocessed should be disposed of in accordance with the pesticides or buried in a safe place away from water. All other disposal methods are prohibited.

Manufactured by

**Delta Chemical & Service, Inc.**  
13910 N.W. 19th Avenue  
Opa Locka, FL 33051

EPA EST. NO. 42556 FLA-1

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