

BEST DOCUMENT AVAILABLE

Polyquat 15

AUG 8 1984

ACTIVE INGREDIENT:

Poly(oxyethylene (dimethyliminio) ethylene-
(dimethyliminio) ethylene dichloride) 15.0%

INERT INGREDIENTS 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.

Polyquat 15 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 Polyquat 15 per 1000 gallons of water to provide a concentration of 32 to 80 parts per million of Polyquat 15, 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 Polyquat 15 per 1000 gallons of water (8 to 80 parts per million of Polyquat 15) 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.

Polyquat 15 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 Polyquat 15 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 Polyquat 15 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 air-wash system.

Polyquat 15 is used to inhibit the growth of bacteria in cutting fluids and oils employed as lubricants or coolants in the machining and processing of metals. It is recommended that Polyquat 15 be added to the diluted cutting fluid at a concentration of 0.04 to 0.40% based on total weight of the cutting fluid. Where added to the undiluted cutting fluid, Polyquat 15 should be added at a concentration which will provide 0.04 to 0.40% concentration when diluted with water for use. Treatment of the diluted cutting fluid should be repeated every four weeks as long as the cutting fluid is used. More frequent treatment may be required if excessive contamination occurs.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for transport. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep containers closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

PLASTIC: To be recycled, use only the following recycling code and number: 1. Do not puncture and dispose of in a sanitary landfill, or incinerate, or otherwise dispose of by state and local authorities, by burning. If burned, stay out of the fire.

METAL: To be recycled, use only the following recycling code and number: 1. Do not puncture and dispose of in a sanitary landfill, or otherwise dispose of by state and local authorities.

Manufactured by:

Ostrom Chem. Div./Ostrom Boiler Service, Inc.

2124 Hudson Drive

Lilburn, GA 30247

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