



**ACTIVE INGREDIENT(S)**

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

**INERT INGREDIENTS**.....

**TOTAL**.....

15.0%  
85.0%  
100.0%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

If in Eyes	- Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If Swallowed	- Call poison control center or doctor immediately for treatment advice. - Have person sip a glass of water, if able to swallow. - Do not induce vomiting unless told to do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.

**Precautionary Statements**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid breathing vapors, Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. 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.

**Directions for Use**

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

W-15-1 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 W-15-1 per 1000 gallons of water to provide a concentration of 32 to 80 parts per million of W-15-1 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 W-15-1 per 1000 gallons of water (8 to 80 parts per million of W-15-1) 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.

W-15-1 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 W-15-1 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 W-15-1 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.

W-15-1 is used to control the growth of algae in swimming pools, exterior spas, whirlpools, hot tubs, and decorative fountains that do not contain fish. For maximum effectiveness, pools, spas, whirlpools, hot tubs, and decorative fountains containing heavy growth of algae should be cleaned prior to using W-15-1.

For pools having just visible algae growth, add an initial dose of 50 to 77 fluid ounces of W-15-1 per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and lined pool, add initially 27 to 50 fluid ounces of W-15-1 per 10,000 gallons of water. Subsequent additions of 9 to 18 fluid ounces of W-15-1 per 10,000 gallons of water should be made every 5 to 7 days after initial treatment for maintenance.

Spas, whirlpools, hot tubs, and decorative fountains having just visible algae growth require an initial dose of 5 to 8 fluid ounces of W-15-1 per 1000 gallons of water. For treatment of a freshly cleaned spa, whirlpool, hot tub, and decorative fountain, add initially 3 to 5 fluid ounces of W-15-1 per 1000 gallons of water. Subsequent additions of 1 to 2 fluid ounces of W-15-1 should be made every 5 to 7 days after initial treatment for maintenance.

W-15-1 will prevent growth of most algae during the off-season winter months when pools are not in use. For pools, which have been properly treated during the swimming season and are free of visible algae, add 27 to 43 fluid ounces of algaecide per 10,000 gallons. If, at the end of swimming season, pools have some visible algae growth, add 50 to 77 fluid ounces per 10,000 gallons. It is necessary that a uniform distribution of algaecide throughout the water and the pool be made for maximum effectiveness. If pool is not covered, it may be necessary to repeat the treatment one or more times during the season.

W-15-1 is compatible with those chemicals normally used to treat pools and spas and is effective at both acid and alkaline pH. W-15-1 can be used in pools and spas treated with chlorine chemicals and may reduce the amount of those chemicals normally required. However, do not mix W-15-1 with concentrated dry or liquid chlorine products.

**Storage and Disposal**

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

**PESTICIDE STORAGE:** Do not stack more than four drums high. Leaking ordamaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container 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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**METAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities.

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use. Leaking or damaged containers should be placed in plastic bag and discarded in trash. Mop up spills with clear water. All pesticides should be kept out of reach of children and stored away from food.

**DISPOSAL:** Do not reuse empty container. Wrap container and place in trash.

Manufactured by

**Buckman Laboratories, Inc.**

1256 North McLean Blvd.  
Memphis, Tennessee 38108, USA

(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-211

Product Weight 8.6 lbs/gal. 1.03 kg/l

Net contents are marked on the container.

**HMIS / NPCA Ratings**

Health 1 Flammability 1 Reactivity 0

Last Revision 9/26/2005

**ACCEPTED**  
DEC 19 2005  
Under the Federal Insecticide, Fungicide, and Rodenticide, Act as amended, for the pesticide, registered under EPA Reg. No. 1448-211

1448-211  
12/19/2005  
Page 1 of 1