SPECTRUS CT1300
FOR CONTROL OF MOLLUSCA, BARNACLES, HYDRAZOA, BRYOZOA, AND BACTERIAL, FUNGAL AND ALGAL SLIMES GROWTH IN WATER SYSTEMS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES SEVERE EYE AND SKIN DAMAGE. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. HARMFUL OR FATAL IF SWALLOWED. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS
This product is toxic to fish. 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.

PHYSICAL AND CHEMICAL HAZARDS
Do not use or store near heat or open flame.

ACTIVE INGREDIENT:
N-Alkyldimethylbензил ammonium chloride 50.0%
DIMEthylbenzyl ammonium chloride 50.0%
TOTAL 100.0%

CONTENTS: LIQUID
POUNDS PER GALLON: 8.0

EPA REGISTRATION NUMBER: 3876-149
EPA ESTABLISHMENT NUMBER: 3876-PA-001

KEEP OUT OF REACH OF CHILDREN
DANGER

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For product use see Panel 2.

For Industrial Use. Technical advice regarding specific site problems is available from GE Betz, Inc. A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

Maximum Use Level (reverse osmosis): 10 mg/L. Maximum Use Level (miscellaneous disinfection): 3.5 mg/L.

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 treatment advice.

If on skin or clothing: 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 a 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 a 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 mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER: 1-800-722-7112

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

STORAGE INSTRUCTIONS: Store in original container. Keep from freezing.

SPILL OR LEAK PROCEDURE: Small spills may be mopped up or flushed away with water or absorbed on some absorbent material and incinerated PESTICIDE DISPOSAL.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate 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 other procedures approved by state and local authorities.
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Industrial and/or commercial recirculating cooling water systems
This product aids in the control of mollusca, barnacles, hydrazoa, bryozoa and of bacterial, fungal and algal slime in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, and industrial water treatment systems and brewery pasteurizers. Do not use water containing residues from use of this product to irrigate crops used for food or feed. Use of this product in either public/municipal or single or multiple family private/residential potable/drinking water systems is strictly prohibited. Use of this product in any cooling water system that discharges effluent within 1/4 mile of either a public/municipal or single or multiple family private/residential potable/drinking water intake is strictly prohibited.
This product may be added to the systems as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

For the control of algae
Initial dose: When the system is noticeably fouled, add this product at the rate of 0.15 to 0.65 pound (18 to 78 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. Subsequent dose: When control is evident, add this product at the rate of 0.1 to 0.3 pound (12 to 36 ppm) per 1000 gallons of water in the system based on water lost or blown down from the system.

For control of bacteria and fungi
Initial dose: When the system is noticeably fouled, add this product at the rate of 0.1 to 0.3 pound (12 to 36 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. Subsequent dose: When control is evident, add this product at the rate of 0.05 to 0.15 pound (6 to 18 ppm) per 1000 gallons of water in the system based on water lost or blown down from the system.

For control of mollusca, barnacles, hydrazoa and bryozoa
Initial dose: When the system is noticeably fouled, add this product at the rate of 0.1 to 0.3 pound (12 to 36 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. Subsequent dose: When control is evident, add this product at the rate of 0.05 to 0.15 pound (6 to 18 ppm) per 1000 gallons of water in the system based on water lost or blown down from the system.

Once-through industrial cooling water systems
This product aids in the control of mollusca, barnacles, hydrazoa, bryozoa and of algal, bacterial and fungal slime in once-through fresh and sea water cooling systems, cooling ponds, canals and lagoons. This product may be added to the system inlet water or before any contaminated area in the system. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

For the control of algae, bacteria and fungi
Initial dose: When the system is noticeably fouled, add this product at the rate of 0.15 to 0.65 pound (18 to 78 ppm) per 1000 gallons of water based on the flow rate through the system.
Minimum treatment intervals should be 15 minutes. Repeat until control is achieved. Subsequent dose: When control is evident, add this product at the rate of 0.1 to 0.3 pound (12 to 36 ppm) per 1000 gallons of water based on the flow rate through the system.

For the control of mollusca, barnacles, hydrazoa and bryozoa
SLUG DOSE: Add this product at the rate of 0.02 to 0.15 pound (1 to 20 ppm) per 1000 gallons of water based on the flow rate through the system. Maintain this concentration for 1 to 96 hours.
CONTINUOUS FEED METHOD LOW LEVEL DOSING: Add this product at the rate of 0.002 to 0.024 pounds (0.25 to 3 ppm) per 1000 gallons of water based on the flow rate through the system during period when fouling organism are spawning and infesting once-through systems. Repeat applications during the following years spawning season.
INTERRUPTED APPLICATIONS: Apply this product a 0.004 to 0.080 pounds (0.5 to 10 ppm) per 1000 gallons of water for 30 minutes to 6 hours daily during period when fouling organism are spawning and infesting once-through systems. Repeat application during the following years spawning season.

Auxiliary water/service water and waste water systems
This product is effective for the control of mollusca, barnacles, hydrazoa, bryozoa and of odor-forming and slime-forming bacteria, fungi and algae in auxiliary water systems such as fire protection systems and pump or screen bays, waste water and waste material disposal, holding or recovery systems such as storage tanks, storage piles, associated piping, settling ponds or lagoons, transport spillways or canals and disposal wells.
This product may be added to the system water or by spraying onto a waste pile as needed. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additions to water systems should be made during the pumping operation and as close to the pump as possible to ensure adequate mixing.

Interrupted or slug method - When treatment is required, add this product at the rate of 0.5 to 1.3 pounds (36 to 156 ppm) per 1000 gallons of water already in the system, or being added to the system, for 4 to 8 hours, 1 to 4 times per week or as needed to achieve the desired level of control. When control is obtained, add this product at the rate of 0.15 to 0.65 pound (18 to 78 ppm) per 1000 gallons of water in the system every 3 days or as needed to maintain control.

Lot Number: Material ID: 6020665 Packaging Date: 01/25/2004 Net Weight:

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