Spectrum™ XD9400 MICROBIOCIDE AGENT

ACTIVE INGREDIENT Sodium Bromide............................................ 40.0% INERT INGREDIENTS............................................ 60.0% TOTAL................................................................. 100.0%

Contents: liquid
Pounds per gallon: 11.9/talg (70°F)
EPA Reg. No. 74655-19
EPA Est. No. 3377-A-9-1
12467-OH-01
67701-AL-001
74655-GA-001
74655-TX-1
08343-LI-001

KEEP OUT OF REACH OF CHILDREN

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 INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. 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.

FOR EMERGENCY INFORMATION CALL 1-844-SOLENIS (1-844-768-5537)

Have the container or label with you when calling. It is especially important to have the container label if no other information is available.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL

STORAGE: Keep product dry in tightly closed original container when not in use. Store in a cool, dry, well-ventilated area. Product should be stored at 50°F (10°C) or above.

DISPOSAL: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. DO NOT REUSE EMPTY CONTAINER.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning, if appropriate. Triple rinse as follows: Empty the remaining contents into an application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its lid and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinse into application equipment or a mix tank or store rinse for later use or disposal. Repeat this procedure two more times.

USE AS A DISINFECTANT, BACTERICIDE RATE: See label for control of microbial slime in recirculating cooling water systems, brewery pasteurizing systems, air washers, once-through cooling water and wastewater treatment systems, and pulp and paper mills.

DIRECTIONS FOR USE:

USE AS A DISINFECTANT: This is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

RECYCLING COOLING WATER SYSTEMS, INCLUDING AIR WASHERS AND BREWERY PASTEURIZERS: When used as directed, this product effectively controls algal, bacterial, fungal slime and controls the settlement and growth of microbes such as algae (Cocconeis) and the Ascidian (Ascidia cysting) in commercial and industrial cooling towers, infest water systems such as flow through filters, near exchange water systems and industrial water circulating systems.

DOSAGE RATES: Add this product to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:
1. 1.6 to 26.5 pounds of chlorine gas (96.9%) per gallon of sodium bromide solution
2. 1.3 to 21.2 gallons of sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution

INITIAL Dose: When the system is noticeably fouled, add 0.0003 to 0.099 gals of this product per 1000 gals of water contained in the system and oxidize with either gas chlorine (0.02 to 0.08 gals per 1000 gals of water contained in system), or sodium hypochlorite solution (0.07 to 0.03 gals of 12.5% sodium hypochlorite solution per 1000 gals of contained water).

SUBSEQUENT Dose: When microorganism control is evident, add 0.0002 to 0.024 gals of this product per 1000 gals of water contained in the system, and oxidize with either gas chlorine (0.04 to 0.09 gals per 1000 gals of water contained in system), or sodium hypochlorite (0.03 to 0.03 gals of 12.5% sodium hypochlorite solution per 1000 gals of contained water).

ONCE-THROUGH COOLING WATER AND WASTE WATER TREATMENT SYSTEMS: When used as directed, this product effectively controls algal, bacterial and fungal slime and controls the settlement and growth of microbes such as zebra mussels (Dreissena) and the Ascidian (Ascidia cysting) in commercial and industrial cooling towers, infest water systems such as flow through filters, near exchange water systems and industrial water circulating systems.

DOSAGE RATES: Add this product to the system at 0 to 2.0 sodium bromide/oxidant mole ratio. For example:
1. 1.6 to 26.5 pounds of chlorine gas (96.9%) per gallon of sodium bromide solution
2. 1.3 to 21.2 gallons of sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution

PULP & PAPER MILLS
When used as directed, this product effectively controls algal, bacterial and fungal slime in pulp and paper mill fresh and water influent water systems, cooling water systems, wastewater treatment systems, non-potable water systems and other process water.

DOSAGE RATES: Add this product to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:
1. 1.6 to 26.5 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution
2. 1.3 to 21.2 gallons of sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution
Add sufficient amount of this product with either gas chlorine or sodium hypochlorite solution to achieve a residual chlorine level of 0.5 to 5 ppm or more to maintain control of the system.

This product can be added wherever chlorination is applied. Feed this product either before or after the oxidant injection point into the water to be treated. Be sure rapid mixing of the treated water, the product and oxidant is achieved. Pump manufacturers can recommend the appropriate materials of construction and capacity for a pump to feed this product or sodium hypochlorite solution. If used as the oxidant, chlorine gas must be handled and used only in accordance with practices recommended in the Chlorine Manual published by the Chlorine Institute, Inc. New York. Use chlorine free only in well ventilated areas. Treatment levels of this product and oxidant can best be measured with test kits for either bromine or chlorine. Tests should be made immediately after dosing water samples from the system. Use test kit:
1. When a chlorine test kit is used, results can be read directly as ppm bromine.
2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor of 2.5

Spectrum™ XD9400 MICROBIOCIDE AGENT

Net weight: 249.48 KG  (550.01 LB)
46.0 Gal (52.8 Oz)  Plant: 1106

Trademark, Solenis or its subsidiaries or affiliates, registered in various countries

Material: 422254

*422254*

422254

Sequence #: 1

Pulp and Paper Mills:

Solenis LLC
500 Hercules Road
Wilton, Connecticut 06897
(302) 594-0000

1-844-SOLENIS (1-844-768-5537)

Sequence #: 1

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For Industrial Use.

MADE IN USA

Produced for Solenis LLC

For Use in Domestic Animal Feed

Spectrum™ XD9400  MICROBIOCIDE AGENT

PA818

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge into lakes, streams, ponds or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Sodium bromide is not flammable. However, in fires fueled by other materials, hydrogen bromide or bromine vapor may be released. In case of fire, self-contained breathing apparatus.