

2023-1795  
2023-06-26

SPECTRUS OX1201  
ANTIMICROBIAL AGENT  
INDUSTRIAL

READ THE LABEL BEFORE USING

ACTIVE INGREDIENTS:

Sodium bromide.....40%

REGISTRATION NO. 21318  
PEST CONTROL PRODUCTS ACT  
NET CONTENTS: (20 L to 15, 400 L)

Veolia Water Technologies & Solutions Canada GP  
3239 Dundas Street West  
Oakville, ON L6M 4B2

EMERGENCY TELEPHONE NUMBERS  
TRANSPORTATION EMERGENCIES ONLY  
Canada/Canutec: 1-613-996-6666

ALL OTHER EMERGENCIES  
Veolia Water Technologies & Solutions Canada GP 1-215-942-3621

FOR INDUSTRIAL USE ONLY:

Technical advice regarding specific site problems is available from Veolia Water Technologies & Solutions Canada GP.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offense under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Irritation may develop from eye and skin exposure. Avoid contact with eyes. Wear gloves and safety goggles. Wash contaminated clothing before reuse.

FIRST AID:

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 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 an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

PHYSICAL AND CHEMICAL HAZARDS: This product is not flammable. However, in fires fueled by other materials, hydrogen bromide or bromine may be released. In case of fire, wear self-contained breathing apparatus.

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

DISPOSAL / DECONTAMINATION:

1. Triple or pressure rinse the empty container thoroughly and add the rinsings to the treatment site.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the Provincial Regulatory Agency or the Manufacturer. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean-up of spills.

#### DIRECTIONS FOR USE

##### RECIRCULATING COOLING WATER SYSTEMS

When used as directed, this product effectively controls algae, bacterial and fungal slimes in commercial and industrial cooling towers, influent water systems such as flow through filters, heat exchange water systems and industrial water scrubbing systems.

DOSAGE RATES: Add this product to the system at a 0.125 to 2.0 product/oxidant mole ratio.

For example:

- 192 to 3175 grams of chlorine gas (99.9%) per liter of product solution.
- 1.3 to 21 liters sodium hypochlorite (12.5% available chlorine) solution per liter of product solution.

INITIAL DOSE: When the system is noticeably fouled, add 0.0003 to 0.024 liters of product solution per 1000 liters of water contained in the system, and oxidize with either gas chlorine (0.959 to 4.793 grams gas chlorine per 1000 liters of contained water) or sodium hypochlorite solution (0.007 to 0.032 liters 12.5% sodium hypochlorite solution per 1000 liters contained water).

SUBSEQUENT DOSE: When microbial control is evident, add 0.0002 to 0.024 liters of product solution per 1000 liters contained in the system, and oxidize with either gas chlorine (0.479 to 4.793 grams of gas chlorine per 1000 liters of contained water), or sodium hypochlorite solution (0.003 to 0.032 liters of 12.5% sodium hypochlorite solution per 1000 liters contained water).

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, 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 used and handled only in accordance with practices recommended in the Chlorine Manual published by the Chlorine Institute, Inc. New York. Use chlorine gas only in well-ventilated areas.

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Treatment levels of product and oxidant can best be measured with test kits for either bromine or chlorine. Tests should be made immediately after drawing water samples from the system. Use test kits according to directions.

1. When a bromine 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 2.25.