

SPECTRUS NX1106  
ANTIMICROBIAL AGENT  
INDUSTRIAL

WARNING CORROSIVE  
POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING  
Contents: liquid

ACTIVE INGREDIENT:

5-chloro-2-methyl-4-isothiazolin-3-one..... 1.13%  
2-methyl-4-isothiazolin-3-one.....0.37%

REGISTRATION NO. 17391  
PEST CONTROL PRODUCTS ACT  
NET CONTENTS: 20 to 1000L

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.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes eye damage and skin burns. Potential skin sensitizer. May be harmful if inhaled. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not swallow. Avoid breathing vapors and spray mists. Wash skin thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from other laundry before reuse.

Wear long pants, a long-sleeved shirt, chemical-resistant gloves, a full-face NIOSH-approved respirator and a chemical-resistant apron during mixing/loading, clean up and repair.

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 by mouth-to mouth, if possible. Call a poison control center or doctor for further treatment advice.

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

**TOXICOLOGICAL INFORMATION:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**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. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE:** Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

**DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction 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 disposal of unused, unwanted product contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**DIRECTIONS FOR USE**

**INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS**

This product aids in the control of bacteria, algae and fungi in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, industrial process systems, industrial water scrubbing systems and brewery pasteurizers. Add this product to the tower basin, distribution box or some other point to ensure uniform mixing. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

**NOTE:** Do not use in potable water systems.

Add this product at the rate of 0.34 to 9.3 kg of product per 10 tonnes of water in the system (equivalent to about 0.5 to 14.0 ppm active ingredient). This dosage should be repeated 2 to 3 times per week until fouling has been reduced to an acceptable level thus establishing microbial control.

**AIR WASHER SYSTEMS**

For use only in industrial air washing systems that maintain effective mist eliminating components. To control bacteria, fungi and algae which cause fouling in industrial air washer systems, add this product to the air washer sump or chill water sump to insure uniform mixing, at the rate of 4.2 to 16.6 kg per 10 tonnes of water in the system (equivalent to 6 to 25 ppm active ingredient) depending on the severity of the contamination.

**BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

**METAL-WORKING FLUIDS**

This product is recommended for the control of bacteria and fungi in soluble and emulsifiable- type

aqueous metal working fluids, such as emulsified petroleum oils, and formulations containing alcoholic fatty acid, sulfonated red oil or naphthalene sulfonate. These fluids are usually prepared by diluting the product concentrates 1:50 with water.

For the maintenance of a non-fouled system, use this product at 103 ml per 1000 liters of emulsion every 4 weeks or 103-507 ml per 1000 liters of emulsion every 8-12 weeks. For a noticeably fouled system, use an initial dose 206-507 ml per 1000 liters emulsion to be followed by subsequent maintenance dosage depending upon the treatment interval noted above. A higher dosage range and/or increased frequency of treatment may be required depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc. The preservative should be dispensed into the use-dilution of the metal- working fluid using a metering pump.

#### HYDRAULIC FLUIDS

This product is recommended as a preservative for use in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil-soluble emulsifying agent.

For the maintenance of a non-fouled system, use this product at 215 mL per 1000 L of emulsion every 4 weeks or 215-1080 mL per 1000 L of emulsion every 8 - 12 weeks. For a noticeably fouled system, use an initial dose of 430-1080 mL per 1000L of emulsion to be followed by subsequent maintenance dosages. A higher dosage range and/or increased frequency of treatment may be required depending upon the rate of dilution of the preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system.