

SPECTRUM RX9100

MICROBIOCIDAL AGENT

INDUSTRIAL

CAUTION



POISON

DANGER - CORROSIVE TO SKIN AND EYES

POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT:

2-bromo-2-nitropropane-1,3-diol.....5.5%

5-chloro-2-methyl-4-isothiazolin-3-one.....1.9%

2-methyl-4-isothiazolin-3-one.....0.6%

REGISTRATION NUMBER 25660

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.05L – 20,000L

Solenis Canada ULC

1151 Green Valley Rd, London On N6n 1e4

Telephone: 1-905-632-7861

Emergency Telephone: 1-844-SOLENIS (1-844-765-3647)

FOR INDUSTRIAL USE ONLY: Technical advice regarding specific site problems is available from Solenis Canada ULC

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label.

PRECAUTIONS: POTENTIAL SKIN SENSITIZER. KEEP OUT OF REACH OF CHILDREN.
CORROSIVE. CAUSES SKIN BURNS AND IRREVERSIBLE EYE DAMAGE. Do not get in eyes, on skin or on clothing. **HARMFUL IF INHALED.** Do not swallow. Avoid breathing vapours or spray mists. Wear long pants, a long sleeved shirt, shoes and socks, chemical-resistant gloves, a full face NIOSH-approved respirator and a chemical-resistant apron during mixing/loading, clean up, and repair. Formaldehyde can be released during use of this product. It is recommended that this product not be used in circumstances that would result in formaldehyde air concentrations in the workplace exceeding the exposure levels established by occupational health and safety authorities in your jurisdiction. If values exceed this level, it is recommended that NIOSH approved respiratory protection be worn. Wash skin thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from other laundry before reuse. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/protective equipment immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing and required protective equipment prior to resuming your previous work activity. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID: If swallowed, Call a poison control centre 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 centre 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 centre 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 centre 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 centre or doctor for treatment advice.
Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

ENVIRONMENTAL HAZARDS: This product is highly to very highly toxic to fish and other aquatic organisms and moderately toxic to birds. 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 discharge the effluents containing this product directly into lakes, streams, ponds, rivers, estuaries, oceans, or public waters. Treat the effluents in a Waste Water Treatment System before release. Do not contaminate these waters by direct application of the product, cleaning of the container and equipment or disposal of wastes. Apply this product only as specified on this label.

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

PULP AND PAPER MILLS

In pulp and paper mill and the additive systems and for the preservation of pulp, pigment slurries, alum, emulsions, adhesives, non-coating defoamers, polymers and paper products this product aids to control objectionable bacteria and fungi. Additions can be made on a continuous or intermittent basis, depending upon the severity of the contamination.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun. This product should be added directly to the pulp and paper mill systems. Apply at a point in the system where the product will be uniformly mixed.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.335 to 3.35 kg per tonne of pulp/paper produced. For food grade paper, do not exceed 1.88 kg per tonne of dry pulp/paper produced. Addition of this product to the additive system should be made directly at the rate of 0.05 to 0.65 kg per 1000 litres (50 to 650 ppm). Repeat until control is achieved.

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SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.27 to 2.57 kg per metric tonne of pulp/paper produced. For food grade paper, do not exceed 1.88 kg per tonne of dry pulp/paper produced. Treat the system as needed to maintain control. Addition of this product to the additive system may be reduced to 0.034 to 0.55 kg per 1000 litres (34 to 550 ppm).

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.335 to 0.89 kg per tonne of pulp/paper produced. Additions of this product to the additive system should be made directly at the rate of 0.05 to 0.65 kg per 1000 litres (50 to 650 ppm). Continue until control is achieved.

SUBSEQUENT DOSE: Maintain the following level by continuous feed of this product at the rate of 0.27 to 0.78 kg per tonne of pulp and paper produced. Addition of this product to the additive system should be made at the rate of 0.034 to 0.55 kg per 1000 litres (34 to 550 ppm). Continue until control is achieved.

FOR PRESERVATION

This product should be added directly to the material to be preserved prior to manufacturing into the finished product, i.e, pulp, broke, polymers, defoamers, alum, emulsions, adhesives, paper mill coatings, pigment slurries and paper products. The dosage rate will depend on the material to be preserved and the storage time. The usual additions should be 75 to 1300 ppm for polymer latex emulsions, 75 to 650 ppm for polymers, starch, defoamers, alum, adhesives, paper mill coatings and pigment slurries and 150 to 650 ppm for pulp and broke. The above recommendations are based on a maximum storage time of 7 to 14 days. Repeat dosing every 7 to 14 days for storage times longer than two weeks.