

SPECTRUM RX9600
MICROBIOCIDIC AGENT
Solution
INDUSTRIAL
CAUTION



POISON **CORROSIVE**
DANGER - CORROSIVE TO EYES AND SKIN
POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

GUARANTEE:	
2-bromo-2-nitropropane-1,3-diol.....	5.5%
N-alkyl (C12-40%, C14-50%, C16-10%) dimethyl benzyl ammonium chloride.....	10.0%
REGISTRATION NUMBER 23963	
PEST CONTROL PRODUCTS ACT	
NET CONTENTS: 205L, 1000L	

Solenis Canada ULC
942 Brant Street
Burlington, ON L7R 2J7
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. The user assumes the risk to persons or property that arises from any such use of this product.

PRECAUTIONS: POTENTIAL SKIN SENSITIZER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE. CAUSES SKIN BURNS AND IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. Do not get in eyes, on skin or on clothing. Use with adequate ventilation. Wear goggles or a face shield, chemical-resistant gloves, long pants, a long sleeved-shirt, shoes and socks 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. 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. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

FIRST AID: 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 Swallowed: Call a poison control centre or a 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 a doctor. Do not give anything by mouth to an unconscious person. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. 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.. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: 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. DO NOT discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. The requirements of applicable laws should be determined before using the product.

STORAGE: Keep container 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 MILL SYSTEMS

This product aids in the control of objectionable bacteria and fungi in pulp, paper mill and the additive system, and for the preservation of pulp, pigment slurries, alum, emulsions, adhesives, defoamers, polymers and paper products. Additions can be made on a continuous or intermittent basis, depending on the severity of the contamination. **BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

NOTE: This product is not to be used in the production of paper or paperboard that comes in contact with food.

If the product is applied manually, a dust mist respirator must be worn during application.

FOR SLIME CONTROL-BACTERIAL. 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 0.38 to 0.6 kg per tonne of pulp/paper produced. Addition of this product to the additive system should be made directly at the rate of 3.6 to 6 kg per 10,000 litres. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.38 to 0.5 kg per tonne of paper produced. Treat the system as needed to maintain control. Addition of this product to the additive system may be reduced to 3.6 to 4.8 kg per 10,000 litres.

CONTINUOUS FEED METHOD-INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.38 to 0.6 kg per tonne of pulp or paper produced. Additions of this product to the additive system should be made directly at the rate of 3.6 to 6 kg per 10,000 litres.

Continue until control is achieved.

SUBSEQUENT DOSE: Maintain the following level by continuous feed of this product at the rate of 0.38 to 0.5 kg per tonne of pulp or paper produced. Addition of this product to the additive system should be made at the rate of 3.6 to 4.8 kg per 10,000 litres. Continue until control is achieved.

FOR FUNGAL CONTROL

INTERMITTENT OR SLUG METHOD-INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 2 to 2.5 kg per tonne of pulp or paper produced. Addition of this product to the additive system should be made directly at the rate of 20 to 25 kg per 10,000 litres. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 2 to 2.25 kg per tonne of pulp or paper produced. Additions of this product to the additive system should be reduced to 20 to 21.6 kg per 10,000 litres. Continue until control is achieved.

CONTINUOUS FEED METHOD-INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 2 to 2.5 kg per tonne of pulp or paper produced. Additions of this product to the additive system should be made directly at the rate of 20 to 25 kg per 10,000 litres. Continue until control is achieved.

SUBSEQUENT DOSE: Maintain the following level by continuous feed of this product at the rate of 2 to 2.25 kg per tonne of pulp or paper produced. Addition of this product to the additive system should be made at the rate of 20 to 21.6 kg per 10,000 litres.

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 upon the material to be preserved and the storage time. The usual additions should be 40 to 80 ppm for materials such as dyes and titanium dioxide, 200 to 300 ppm for emulsions and polymers, 350 to 450 ppm for alum, 650 to 750 ppm for starch, broke and calcium carbonate and 2500 to 3000 ppm for clay and defoamers. 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.

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