

2024-5230
2024-10-25

SPECTRUM RX3100
MICROBIOCIDIC AGENT

INDUSTRIAL
Solution
DANGER



POISON
DANGER - CORROSIVE TO EYES
POTENTIAL SKIN SENSITIZER
READ THE LABEL BEFORE USING

ACTIVE INGREDIENTS:	
DODECYLGUANIDINE HYDROCHLORIDE...	10.6%
METHYLENE BIS(THIOCYANATE).....	5.0%
REGISTRATION NO. 24506	
PEST CONTROL PRODUCTS ACT	
NET CONTENTS 0.05L – 20,000L	

Solenis Canada ULC 1151 Green Valley Rd, London On N6n 1e4

Business Telephone: (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 this 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 TO EYES. CAUSES SKIN IRRITATION AND SENSITIZATION. Do not get in eyes, on skin or on clothing. In case of eye contact, seek immediate medical attention. IRRITATING TO LUNGS, MAY BE FATAL IF INHALED. Do not inhale vapours or spray mist. MAY BE FATAL IF SWALLOWED. When using, do not eat, drink or smoke. Wear a full-face NIOSH-approved respirator, chemical-resistant gloves, long pants, a long-sleeved shirt, shoes plus socks and a chemical-resistant apron when handling the concentrate during mixing/loading, clean-up and repair activities. Use only in well ventilated areas. Users should wash hands before eating, drinking, chewing gum, and when using tobacco and or the toilet. Users should remove clothing/protective equipment immediately if pesticide comes in contact with the skin through soaked clothing or spills. Then, thoroughly wash the skin and put on clean clothing. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with the concentrate of this product. Do not re-use 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 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.

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.

Take container, label, or 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 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 discharge treated effluent into lakes, streams, ponds, rivers, estuaries, oceans or public waters. Do not contaminate these waters by cleaning of container and equipment or disposal of wastes. Apply this product only as specified on this label.

STORAGE

Store in a dry place. Keep container covered.

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 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

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

INTERMITTENT OR SLUG METHOD INITIAL DOSE: When the system is noticeably fouled add 0.05 to 0.5 kg per tonne of pulp or paper produced. Additions to the additive system should be made directly at a rate of 0.06 to 0.48 kg per 1000 litres (60 to 480 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident add 0.05 to 0.25 kg per tonne of pulp or paper produced. Treat the system as needed to maintain control. Additions to the additive system may be reduced to 0.03 to 0.24 kg per 1000 litres (30 to 240 ppm).

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled add 0.05 to 0.5 kg per tonne of pulp or paper produced. Additions to the additive system should be made directly at a rate of 0.06 to 0.48 kg per 1000 litres (60 to 480 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: Maintain the following level by continuous feed of 0.05 to 0.15 kg per tonne of pulp and paper produced. Additions to the additive system should be at a rate of 0.012 to 0.18 kg per 1000 litres (12 to 180 ppm).

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

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, paper products, etc. The dosage rate will depend upon the material to be preserved and the storage time. The usual addition should be 200-300 ppm and under extreme conditions of spoilage, the dosage rate should be increased to 250-800 ppm. The above recommendations are based on a maximum storage time of 2 weeks. For storage time greater than 2 weeks, the maximum concentration should be increased to 1000 ppm.

Note: This product is not to be used in the production of any materials that may come into contact with food.

RECIRCULATING COOLING WATER SYSTEMS

This product aids in the control of bacterial, fungal and algal slime in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers. Do not use in potable water systems.

This product may be added to the system either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend on the severity of the problem.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA, FUNGI AND ALGAE INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.024 to 0.120 kg per 1000L (24 to 120 ppm) of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.012 to 0.090 kg per 1000L (12 to 90 ppm) of water in the system every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled add this product at the rate of 0.024 to 0.120 kg per 1000L (24 to 120 ppm) of water in the system.

SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 0.012 to 0.090 kg per 1000L (12 to 90 ppm) of water in the system.

AIR WASHERS

For use only in industrial air washer systems that maintain effective mist eliminating components. This product controls slime forming bacteria and fungi in industrial air washer systems.

Add 0.012 to 0.12 kg per 1000L (12 to 120 ppm) of this product to the water in the system depending on the severity of contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.024 to 0.12 kg per 1000L (24 to 120 ppm) of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.012 to 0.090 kg per 1000L (12 to 90 ppm) of water in the system every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.024 to 0.12 kg per 1000L (24 to 120 ppm) of water in the system.

SUBSEQUENT DOSE: Maintain this level by pumping a continuous feed of this product at a rate of 0.012 to 0.09 kg per 1000L (12 to 90 ppm) of water in the system per day.