

09-JUL-2007

07-JAN-2008 Notification: Change of product name.

05-MAY-2008 Notification: Change of address

Notification Change

SPECTRUM RX4100 MICROBIOCIDE AGENT

~~SLIME CONTROL AGENT~~
INDUSTRIAL

DANGER



POISON



CORROSIVE

POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

GUARANTEE:	
B-bromo-B-nitrostyrene.....	9.2%
Methylene Bis(thiocyanate).....	5.0%
REGISTRATION NUMBER 22837	
PEST CONTROL PRODUCTS ACT	
NET CONTENTS 20L, 205L, 1135L	

Notification Change

HERCULES CANADA INC.

~~3451 Erindale Station Road, Mississauga, Ontario L5C 2S9~~

Business Telephone: 905-279-3338 - Emergency Telephone: (905) 848-8888
Suite 700, 55 City Centre Drive Mississauga ON L5B 1M3

FOR INDUSTRIAL USE ONLY

Technical advice regarding specific site problems is available from Hercules Canada Inc.

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. HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. Do not take internally. CAUSES SEVERE EYE BURNS AND SKIN IRRITATIONS. Do not breathe vapor or mist. Use with adequate ventilation. Do not get into eyes, on skin or clothing. Wear a full-face NIOSH-approved respirator, chemical-resistant gloves, long pants, a long-sleeved shirt, shoes plus socks and a chemical-resistant apron during mixing/loading, clean-up and repair activities. Users should remove clothing/protective equipment immediately if this product comes in contact with the skin through soaked clothing or spills. Wash contaminated clothing before reuse. Then, thoroughly wash the skin and put on a 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. Users should wash hands before eating, drinking, chewing gum, and when using tobacco or the toilet.

FIRST AID: In case of contact with skin, 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. In case of ingestion, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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: 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. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean or other waters unless in accordance with the requirements of a discharge permit. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply the product only as specified on this label.

CHEMICAL AND PHYSICAL HAZARDS: Do not use, pour or store near heat or open flame.

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

This product aids in the control of objectionable bacteria and fungi in pulp and paper mill systems 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 upon the severity of the problem.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

NOTE: When used in the production of paper or paperboard that will contact foods, product should not exceed 0.08 kg/tonne of pulp or paper produced.

FOR SLIME CONTROL

The product should be added directly to the pulp and paper mill system. 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 0.05 to 0.375 kg per tonne of pulp or paper produced. Additions to the additive system should be made directly at the rate of 0.024 to 0.300 kg per 1000 litres (24 to 300 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 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 0.012 to 0.240 kg per 1000 litres (12 to 240 ppm).

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.375 kg per tonne of pulp or paper produced. Additions to the additive system should be made directly at the rate of 0.024 to 0.300 kg per 1000 litres (24 to 300 ppm). Continue until control is achieved.

SUBSEQUENT DOSE: Maintain the following level by continuous feed of this product at the rate of 0.05 to 0.25 kg per tonne of pulp and paper produced. Additions to the additive system should be at the rate of 0.012 to 0.240 kg per 1000 litres (12 to 240 ppm).

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, polymer, 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 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 two weeks. For storage time greater than two weeks, the maximum concentration should be increased to 1000 ppm.

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