

AMERSTAT™ 251 BIOCIDES

SOLUTION

FOR USE IN SYNTHETIC LATEX PRESERVATIVE, ADHESIVES, PULP AND PAPER MILLS SYSTEMS, MINERAL SLURRIES/COLORANTS, METAL WORKING FLUIDS AND INK/INK COMPONENTS/FOUNTAIN SOLUTIONS/PHOTO PLATE PROCESSING AND RECIRCULATING ELECTRODEPOSITION SYSTEMS.

WARNING



CORROSIVE

POTENTIAL SKIN SENSITIZER

COMMERCIAL - INDUSTRIAL
READ THE LABEL BEFORE USING

ACTIVE INGREDIENTS:
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE 1.1%
2-METHYL-4-ISOTHIAZOLIN-3-ONE 0.4%

REGISTRATION NO.23162
PEST CONTROL PRODUCTS ACT

NET CONTENTS: L

Solenis Canada ULC
942 Brant Street
Burlington, ON L7R 2J7
Telephone: 1-905-632-7861
Emergency Telephone: 1-844-SOLENIS (1-844-765-3647)

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:

KEEP OUT OF REACH OF CHILDREN. POTENTIAL SKIN SENSITIZER. Do not get in eyes, on skin or on clothing. Do not swallow. Avoid breathing vapours and spray mists. Wash skin thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from other laundry before reuse. Causes burns to eyes and skin. Harmful if swallowed. Avoid contact with eyes and skin. May be harmful if inhaled. May be fatal if swallowed or absorbed through the skin. 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 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control centre or doctor for further 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 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.

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 circulatory shock, respiratory depression and convulsions may be needed. Avoid alcohol. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

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.

DISPOSAL:

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site. 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning. 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:

ADHESIVES AND PAINTS:

AMERSTAT™ 251 Biocide is a broad spectrum antimicrobial product designed to prevent microbial contamination in synthetic latex emulsion systems, natural and synthetic adhesives, mineral slurries/colorants, ink components/fountain solutions/photo plate processing. **DOSAGE RATES:** Add 415 grams – 2.7 kg to each 1000 kg of emulsion to provide 425 - 2700ppm as Amerstat™ 251 Biocide (6.22 - 40 ppm active isothiazolines).

PULP AND PAPER MILLS:

AMERSTAT™ 251 Biocide is designed to control bacteria and fungal slimes in papermaking systems. **DOSAGE RATES:** Add 0.19 - 0.84 kg (2.8 - 12.6 active isothiazolines) AMERSTAT™ 251 Biocide per tonne (dry basis) of finished paper produced, depending upon the type of stock, raw water and degree of contamination.

METAL WORKING FLUIDS:

INITIAL DOSE: For noticeably fouled systems use initial dosage range of 5.0 litres – 5.18 litres of AMERSTAT™ 251 Biocide per 10,000 litres of system water, followed by subsequent dosages depending upon the treatment level noted below.

A higher dosage range may be required depending on rate of dilution of the preservation with makeup fluid, the nature of severity of contamination, level of control required, filtration effectiveness system design etc.

MAINTENANCE DOSAGES: For the maintenance of a non-fouled system add 2.2 litres of AMERSTAT™ 251 Biocide per 10,000 L of emulsion or 2.2 litres – 5.18 litres every 8-12 weeks.

RECIRCULATING ELECTRODEPOSITION SYSTEMS

AMERSTAT™ 251 Biocide is recommended for the control of bacteria, fungi and algae in recirculating electrodeposition systems and associated rinse systems. AMERSTAT™ 251 Biocide should be dispensed into the circulating rinse system, ultrafilter permeate or final distilled water rinse at a point to ensure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, add 66.7 to 233.3 ppm AMERSTAT™ 251 Biocide (6.7 to 23.3 Litres) per 10,000 Litres of fluid in the system. This will provide 10 to 35 ppm of active ingredient. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 33.3 to 100.0 ppm AMERSTAT™ 251 Biocide (3.3 to 10 Litres) per 10,000 Litres of fluid in the system weekly or as needed to maintain the system. This will provide 5 to 15 ppm of active ingredient. A change of frequency of treatment may be required depending upon the rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.