

2024-5230
2024-10-25

SPECTRUM® XD3899
MICROBIOCIDAL AGENT
INDUSTRIAL
SOLUTION

For use with closed loading and transfer systems only (i.e., dry coupling)

A BACTERICIDE, SLIMICIDE AND ALGICIDE FOR TREATING
PULP & PAPER MILLS

READ THE LABEL BEFORE USING

GUARANTEE:

Ammonium Bromide..... 35%

REGISTRATION NO. 28964
PEST CONTROL PRODUCTS ACT
NET CONTENTS: 210 L – 22,000 L

CAUTION – EYE IRRITANT

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)

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FOR INDUSTRIAL USE ONLY: Technical advice regarding specific site problems is available from ASHLAND CANADA CORP.

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:

KEEP OUT OF REACH OF CHILDREN.
MAY CAUSE EYE IRRITATION.

Wear protective eyewear (goggles or face shield), long pants, long sleeved shirt, chemical resistant footwear and chemical resistant gloves when handling the concentrate and contacting treated process fluids. Avoid contact with skin, eyes or clothing and avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING
DO NOT SHIP WITH FOOD, FEED, DRUGS, OR CLOTHING.
KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

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 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 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: Treat symptomatically.

ENVIRONMENTAL HAZARDS: The biocide produced by the feeder is TOXIC to aquatic organisms. DO NOT discharge effluent containing the biocide produced by the feeder into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters.

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal.

STORAGE:

Store in a cool, dry, well-ventilated area, in well-closed original containers, away from energy sources, acids, alkaline, and heavy metal salts.

DISPOSAL

1. Triple or pressure-rinse the empty container. Add the rinsings to the treatment site.

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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 cleanup of spills.

DIRECTIONS FOR USE:

SPECTRUM® XD3899 Microbiocide Agent is to be used for the control of bacteria, fungi and algae in paper mill whitewater systems and starch slurries. It must be used in conjunction with 1) Sodium Hypochlorite (12.5%) to produce the actual biocide; and 2) the SPECTRUM® XD3899 Microbiocide Agent feeder/delivery system (described below). The mixing is to be done at a ratio of 2.2 litres of Sodium Hypochlorite (12.5%) with 1.0 L of SPECTRUM® XD3899 Microbiocide Agent in the feeder.

SPECTRUM® XD3899 Microbiocide Agent and the oxidant are mixed in a specially designed feeder which produces the biocide on site. The SPECTRUM® XD3899 Microbiocide Agent feeding system controller ensures the production of the dilute biocide solution, checks and controls the production of the biocide continuously, and optimizes the biocide production process. The design of treatment, installation, calibration and operation of the feeding system in all plants should be conducted only by authorized and trained personnel. The biocide produced by the feeder is immediately added to the process waters for which treatment is required. The biocide may be added to any point of uniform mixing. Addition may be continuous or intermittent depending on the severity of the contamination when treatment starts, and on other system operation parameters.

Note: Do not use other feeding modes to mix SPECTRUM® XD3899 Microbiocide Agent and the oxidant, or mix SPECTRUM® XD3899 Microbiocide Agent with other additives so as to avoid decomposition of the biocide. The design of treatment, installation, calibration and initial operation of the feeding system in all plants should be conducted only by authorized and trained personnel. Use of this product for any other purposes or contrary to the instructions below, or without the supervision of authorized trained personnel is prohibited. For use with closed loading and transfer systems only (i.e., dry coupling).

PULP AND PAPER MILLS

Used for the prevention of algal, bacterial and fungal slimes, in pulp and paper mill whitewater systems and starch slurries. Badly fouled process systems must be cleaned before initial treatment. Total chlorine residuals can be monitored using a DPD standard chlorine test kit.

Whitewater Systems: Add sufficient biocide produced by the feeder to achieve and maintain a measured concentration of 0.5 -5.0 ppm residual biocide, expressed as total chlorine. SPECTRUM® XD3899 Microbiocide Agent can be used in paper and paperboard components that contact food at a feed of up to 0.93 kg (0.75 liter) of SPECTRUM XD3899 Microbiocide Agent per 1000 kg of dry weight fibre provided that the residual biocide concentration is maintained between 0.5 - 5.0 ppm.

Starch Slurries: Add sufficient biocide produced by the feeder to achieve and maintain a measured residual biocide concentration of up to 10.0 ppm in process waters, expressed as total chlorine.