

2023-1795
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SPECTRUS NX1102
SOLUTION
ANTIMICROBIAL AGENT
INDUSTRIAL
DANGER

POISON CORROSIVE

POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

ACTIVE INGREDIENTS:

2,2-dibromo-3-nitrilopropionamide.....20.0%

REGISTRATION NO. 17570
PEST CONTROL PRODUCTS ACT
NET CONTENTS: (20 – 15,400 L)

Veolia Water Technologies & Solutions Canada GP
Headquarters: 3239 Dundas ST. West, Oakville, ON L6M 4B2
Business Telephone: 905-465-3030 Emergency Telephone: 800-877-1940

FOR INDUSTRIAL USE ONLY:

Technical advice regarding specific site problems is available from Veolia Water Technologies & Solutions Canada GP.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offense 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. CAUSES SEVERE BURNS OF EYES. EYE CONTACT MAY CAUSE LOSS OF VISION. MAY BURN THE SKIN. POTENTIAL SKIN SENSITIZER. MAY BE HARMFUL OR FATAL IF SWALLOWED. Do not get in eyes, on skin, or on clothing. Chemical Worker's Goggles must be worn when handling. Wear a long-sleeved shirt, long pants, shoes and socks when handling. Do not inhale vapor or mist. Use with adequate ventilation. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing. Wash contaminated clothing separate from other laundry prior to reuse. Users should remove protective clothing immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into clean clothing.

Do not use in potable water systems in food plants. Do not allow water in treated systems to come into contact with beverage. Thoroughly drain and rinse bottles of beverage subsequent to the pasteurization process.

FIRST AID:

IF ON SKIN OR ON CLOTHING, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control center 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 center or doctor for treatment advice.

IF SWALLOWED, call a poison control center or doctor immediately for treatment advice. Have

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person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center 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: This product is toxic to fish, wildlife 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 sewer systems without previously notifying the local sewage treatment plant authority. Do not contaminate water by cleaning of container and equipment or disposal of wastes. Apply this pesticide only as specified on the label.

STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures. To maintain product quality store in a dark, cool, dry, well ventilated area, not above 30°C. Use and rotate stock within 3 months.

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

RECIRCULATING COOLING WATER SYSTEMS.

This product is for recirculating water systems only.

This product aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow through, infilco units and filters, and industrial water scrubbing systems and brewery pasteurizers. NOTE: Add this product separately to the system. Do NOT mix it with other additives in order to avoid decomposition of this product due to the high pH of many additive formulations. Add this product at any point in the system to ensure uniform mixing. This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of contamination.

Optimum performance with this product is attained by continuous or intermittent treatment. If shock treatment is used, blowdown should be discontinued for 24 to 48 hours. Add this product at the rate of 0.0006 to 0.120 kg per 1000 liters of water in the system (0.6 to 120 ppm), depending upon the severity of contamination.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA
INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.006 to 0.012 kg per 1000 liters of water in the system (6 to 12 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.003 to 0.012 kg per 1000 liters of water in the system (3 to 12 ppm) every 3 days or as needed

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to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.006 to 0.012 kg per 1000 liters of water in the system (6 to 12 ppm). SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 0.0006 to 0.006 kg per 1000 liters of blowdown or water loss from the system (0.6 to 6 ppm).

FOR CONTROL OF FUNGI AND ALGAE

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled add this product at the rate of 0.06 to 0.12 kg per 1000 liters of water in the system (60 to 120 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: When algal control is evident, add this product at the rate of 0.036 to 0.12 kg per 1000 liters of water (36 to 120 ppm) daily or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.06 to 0.12 kg per 1000 liters of water in the system (60 to 120 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.036 to 0.120 kg per 1000 liters of blowdown or water loss from the system (36 to 120 ppm).

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 0.002 to 0.120 kg per 1000 liters of water in the system (1.9 to 120 ppm), depending upon 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 0.004 to 0.12 kg per 1000 liters of water in the system (3.8 to 120 ppm). Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.002 to 0.060kg per 1000 liters of water in the system (1.9 to 60 ppm) every 2 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 0.004 to 0.12 kg per 1000 liters of water in the system (3.8 to 120 ppm). SUBSEQUENT DOSE: Maintain the level by a continuous feed of this product at the rate of 0.002 to 0.006 kg per 1000 liters of blowdown or water loss from the system (1.9 to 60 ppm).

METAL-WORKING CUTTING FLUIDS CONTAINING WATER

This product is effective in metal-working fluid concentrates which have been diluted in water at ratios of 1:100- 1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add this product to the fluid in the collection tank. Additions should be made with a metering pump.

INITIAL OR SLUG METHOD: When the system is noticeably fouled, add 0.32 kg (250 mL) of this product per 1000 liters of metalworking fluid to the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.13 to 0.26 kg (100-200 mL) of

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this product per 1000 liters of metalworking fluid per day or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

**NON-POTABLE REVERSE OSMOSIS SYSTEMS
ONLY TO BE USED IN NON-FOOD PLANT APPLICATIONS.**

For controlling bacteria, fungi and algae slimes in non-potable REVERSE OSMOSIS systems, add this product to the system inlet water or before any other contaminated area ahead of the REVERSE OSMOSIS unit. This product should be added with a metering pump on an intermittent basis depending on the severity of contamination. Add this product at the rate of 0.001 to 0.120 kg per 1000 liters of feedwater (1 to 120 ppm). During use of this product both permeate and reject waters should be directed to the drain. Do not discharge to the environment without first detoxifying DBNPA effluent with sewage treatment or other effective means. Once treatment is completed, rinsing with feedwater should continue until conductivity values in the permeate are at or below values before treatment with this product. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.006 to 0.012 kg per 1000 liters of feedwater (6 to 12 ppm). Minimum treatment intervals should be 15 minutes. Repeat until control is achieved and then utilize maintenance dosage rates.

SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 0.003 to 0.012 kg per 1000 liters of feedwater (3 to 12 ppm) as needed to maintain control.

FOR THE CONTROL OF FUNGI AND ALGAE

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.06 to 0.120 kg per 1000 liters of feedwater (60 to 120 ppm). Minimum treatment intervals should be 15 minutes. Repeat until control is achieved and then utilize maintenance dosage rates.

SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate 0.036 to 0.120 kg per 1000 liters of feedwater (36 to 120 ppm) as needed to maintain control