2023-1795
2023-06-26

SPECTRUS NX1100

ANTIMICROBIAL AGENT
INDUSTRIAL
SOLUTION

Caution Poison

DANGER - CORROSIVE TO SKIN AND EYES
POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT

2-bromo-2-nitropropane-1,3-diol..... 5.5 %
5-chloro-2-methyl-4-isothiazolin-3-one.....1.93%
2-methyl-4-isothiazolin-3-one..... 0.64%

REGISTRATION NO. 25661
PEST CONTROL PRODUCTS ACT
NET CONTENTS: 20 – 15,400 L

GE Water and Process Technologies
Headquarters: 3239 Dundas ST. West, Oakville, Ontario L6M 4B2
Business Telephone: 905-465-3030 Emergency Telephone: 1-(800) 877-1940

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.

FOR INDUSTRIAL USE ONLY: Technical advice regarding specific site problems is available from GE Water and Process Technologies.

PRECAUTIONS:
KEEP OUT OF REACH OF CHILDREN. CORROSIVE. CAUSES SKIN BURNS AND IRREVERSIBLE EYE DAMAGE. Potential skin sensitizer. HARMFUL IF INHALED. Do not get in eyes, on skin, or on clothing. Do not swallow. Avoid breathing vapors and spray mists. Wash skin thoroughly with soap and water after handling. Users should remove clothing/protective equipment immediately if pesticide comes in contact with skin through soaked clothing or spills. Then wash skin thoroughly and put on clean clothing and required protective equipment prior to resuming your previous work activity.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.
Formaldehyde can be released during use of this product. It is recommended that this product not be used in circumstances that would result in formaldehyde air concentrations in the workplace exceeding the exposure levels established by occupational health and safety authorities in your jurisdiction. If values exceed this level, it is recommended that NIOSH approved respiratory protection be worn.

Avoid contamination of food.

Wear shoes and socks, 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.

For spray application, wear chemical-resistant gloves, a full face NIOSH-approved respirator, chemical-resistant coveralls and rubber boots during mixing/loading, application, clean up and repair.

Do not apply by open pouring of the liquid to cooling water systems; a metering pump is required for this use.

FIRST AID:
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 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 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 by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
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 contaminate water by cleaning of equipment or disposal of wastes.

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 emptied container. Add the rinsing's to the treatment area or, if applicable, to the spray mixture in the tank.
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 WATER SYSTEMS

This product is effective for the control of mollusca, barnacles, hydrozoa, bryozoa, bacterial, fungal, and algal slimes 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, brewery pasteurizers, hydrostatic cookers and retort waters.

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

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

For food plant and other industrial use. Not intended for use in potable water systems.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.5 kg per 1000 litres (50 to 500 ppm) of water in the system.

SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.04 to 0.4 kg per 1000 litres (40 to 400 ppm) of water in the system. Repeat until control is achieved.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.5 kg (50 to 500 ppm) per 1000 litres of water in the system every 3 days or as needed to maintain control.
SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.04 to 0.4 kg (40 to 400 ppm) per 1000 litres of blowdown (or water loss) from the system.

AIR WASHERS
For use only in air washing systems that maintain effective mist eliminating components. To control bacteria, fungi and algae which cause fouling in industrial air washing systems, add this product to the air washer sump or chill water sump to insure uniform mixing at the rate of 0.04 to 0.4 kg (40 to 400 ppm) per 1000 litres of water in the system depending upon the severity of the contamination.
BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD
INITIAL DOSE: When the system is noticeably fouled, apply this product at the rate of 0.05 to 0.5 kg per 1000 litres (50 to 500 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 0.04 to 0.4 kg per 1000 litres (40 to 400 ppm) of water in the system weekly or as needed to maintain control.

CONTINUOUS FEED METHOD
INITIAL DOSE: When the system is noticeably fouled, apply this product at the rate of 0.05 to 0.5 kg per 1000 litres (50 to 500 ppm) of water in the system.
SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of this product at the rate of 0.04 to 0.4 kg per 1000 litres (40 to 400 ppm) of blowdown (or water loss) from the system.

AUXILIARY WATER/SERVICE WATER AND WASTEWATER SYSTEMS
This product is effective for the control of mollusca, barnacles, hydrozoa, bryozoa, odor-forming bacteria, slime-forming bacteria, fungi and algae in auxiliary water systems such as fire protection systems and pump or screen bays, waste water and waste material disposal, holding or recovery systems such as storage tanks, storage piles, associated piping, settling ponds or lagoons, transport spillways or canals and disposal wells.

INTERMITTENT OR SLUG METHOD
INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.05 to 0.5 kg per 1000 litres (50 to 500 ppm) of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.04 to 0.4 kg per 1000 litres (40 to 400 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 0.05 to 0.5 kg per 1000 litres (50 to 500 ppm) of water in the system. Repeat until control is achieved.
SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.04 to 0.4 kg per 1000 litres (40 to 400 ppm) of blowdown (or water loss) from the system.

This product may be added to the system water or by spraying on to a waste pile as needed. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additions to water systems should be made during the pumping operation and as close to the pump as possible to ensure adequate mixing.

INTERMITTENT OR SLUG METHOD
When treatment is required, add this product at the rate of 0.05 to 0.5 kg per 1000 liters (50 to 500 ppm) of water already in the system, or being added to the system for 4 to 8 hours, 1 to 4 times per week or as needed to achieve the desired level of control. When control is obtained, add this product at the rate of 0.04 to 0.4 kg per 1000 liters of water in the system.

METAL WORKING FLUIDS, HYDRAULIC FLUIDS, HYDROCARBON BASED FUEL OILS AND OIL AND/OR WATER BASED INDUSTRIAL FORMULATIONS
For control of bacteria, fungi and algae which cause fouling in metalworking fluids, hydraulic fluids, hydrocarbon based fuel oils and oil and/or water based industrial formulations, add this product to the fluid insuring uniform mixing at the rate of 62 to 308 grams per 1000 litres (62 to 308 ppm) of fluid in the system depending upon the severity of the contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.