**SPECTRUS' NX102**

**HEALTH** 3

**FLAMMABILITY** 1

**REACTIVITY** 0

**PERSONAL PROTECTION** B

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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER**

Corrosive. Causes irreversible eye damage. Harmful if inhaled, swallowed, or absorbed through the skin. Do not get in eyes. Avoid contact with skin or clothing or breathing vapor. Wear protective eyewear (goggles or face shield). Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash separately before reuse.

Personal Protective Equipment (PPE): Applicators and all other handlers must wear: Coveralls over long-sleeved shirt and long pants. Socks and chemical-resistant footwear. Goggles or face shield. Chemical-resistant gloves such as barrier laminates, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, nitrile, or vinyl. Respirator with an organic vapor cartridge or respirator with a P100-P200-P300-P95 filter approved for pesticides (SHINNDOH approval number prefix TC-23C), or a nitrile-polyurethane face shield for pesticides (SHINNDOH approval number prefix TC-140), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or N filter.

**PESTICIDE STORAGE:** Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store at elevated temperatures.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of wastes is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.
SPECTRUS* NX102

SLIME CONTROL AGENT

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

RECIRCULATING COOLING WATER SYSTEMS

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. This product aids in the control of bacterial, algal and fungal slime in evaporative condensers, heat exchange water systems, commercial and industrial galvanizing towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers. Add this product to the system at any point to insure uniform mixing. This product may be added to the system either continuously or intermittently as needed. The frequency of feeding in addition to 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 must be discontinued for 24 to 48 hours. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA: Add this product at the rate of 0.018 to 0.36 lb. (2.1 to 43 ppm) per 1000 gallons of water in the system, depending upon the severity of contamination.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.18 to 0.36 lb. (21 to 43 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.09 to 0.36 lb. (10 to 43 ppm) per 1000 gallons of water in the system every 4 days as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.18 to 0.36 lb. (21 to 43 ppm) per 1000 gallons of water in the system. SUBSEQUENT DOSE: (or water loss) lead this product to maintain a dosage of 0.09 to 0.36 lb. (10 to 43 ppm) per 1000 gallons of water in the system, depending upon the severity of contamination.

INTERMITTENT OR SLUG METHOD - INITIAL FROM 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 this product to the fluid in the collection tank. Additions must be made with a metering pump.

INITIAL SLUG DOSE: When the system is noticeably fouled, add this product at the rate of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When algal control is evident, add this product at the rate of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water 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 1.84 to 3.65 lbs. (221 to 438 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of blowdown (or water loss) from the system.

METAL-WORKING CUTTING FLUIDS CONTAINING WATER

This product is effective in metal-working fluid concentrated which have been diluted in water at ratios of 1:100 to 1:4. For controlling (or inhibiting) the growth of bacteria, fungi and yeasts that may deteriorate metal-working fluids containing water, add this product to the fluid in the collection tank. Additions must be made with a metering pump.

INITIAL SLUG DOSE: When the system is noticeably fouled, add this product at the rate of 10.50 lbs. (11.1 gallons) per 1000 gallons of metal-working fluid in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 4.22 to 8.45 lbs. (0.44 to 0.88 gallon) per 1000 gallons of metal-working fluid per day, as needed to maintain control. Additions of this product can be made continuously or intermittently. Slug the system as required.

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 this product at the rate of 0.075 to 2.4 lbs. (9 to 288 ppm) per 1000 gallons of water in the system, 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 1.5 to 2.4 lbs. (180 to 288 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.75 to 1.2 lbs. (9 to 144 ppm) per 1000 gallons of water in the system every 2 days as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 1.5 to 2.4 lbs. (180 to 288 ppm) per 1000 gallons of water in the system. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 1.11 to 2.4 lbs. (133 to 288 ppm) per 1000 gallons of water in the system.

NON-POTABLE REVERSE OSMOSIS SYSTEMS

For controlling bacteria, fungi and algae slimes in non-potable REVERSE OSMOSIS systems and peripheral equipment, add this product to the system inlet water or before any other contaminated area ahead of the REVERSE OSMOSIS unit. This product must be added with a metering pump on an intermittent basis depending on the severity of contamination and the guidelines specified by the membrane manufacturer for this product. Add this product at the rate of 0.04 to 4.0 lb. (4 to 480 ppm) per 1000 gallons of feedwater. During use of this product both permeate and reject waters must be directed to the drain. Once treatment is completed, rinsing with feedwater must 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 THE CONTROL OF BACTERIA - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.1 to 0.4 lb. (12 to 48 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer. SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 0.1 to 0.4 lb. (12 to 48 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer.

FOR THE CONTROL OF FUNGI AND ALGAE - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 2.0 to 4.0 lb. (240 to 480 ppm) per 1000 gallons of feedwater. Minimum treatment intervals must be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer. SUBSEQUENT DOSE: When microbial control is achieved, add this product at the rate of 1.2 to 4.0 lb. (144 to 480 ppm) per 1000 gallons of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer.

Lot Number: Packaging Date: Net Weight:

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