SPECTRUS® NX102
SLIME CONTROL AGENT

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER PELIGRO

CAUSES SEVERE BURNS OF EYES, EYE CONTACT MAY CAUSE LOSS OF VISION, MAY BURN THE SKIN. MAY BE HARMFUL OR FATAL IF SWALLOWED. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. CHEMICAL WORKER'S GOGGLES MUST BE WORN WHEN HANDLING. USE WITH CONSIDERATION. IMMEDIATELY REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

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 laminate, butyl rubber, viton rubber, neoprene rubber, polyvinyl chloride, or viton. Respirator with organic vapor respirator with a pre filter approved for pesticides (MOSH/NOSH approval number prefix TC-292), or a canister approved for pesticides (MOSH/NOSH approval number prefix TC-149), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefix. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

User Safety Recommendations
Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

HOT LINE NUMBER: 1-800-222-1222

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 center 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 mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

If swallowed: Call a poison control center 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 center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or 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.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

STORAGE AND DISPOSAL
DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store at elevated temperatures. Improper disposal of excess pesticide, spray mixture or rinsate 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.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GE Betz, Inc., 4636 Somerton Road, Trevose, PA, 19053
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940
SPECTRUS® NX102
SULFIDE CONTROL AGENT

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

RECYCLING COOLING WATER SYSTEMS:
NOTE: Add this product separately to the system. Do NOT mix 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, algae and fungal slime in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow through filters and lagoons, industrial water recycling systems and brewery pasteurizers. Add this product to the system at any point to minimize by continuous or intermittent treatment. If “shock” treatment is used, blowdown should 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 0.918 to 0.36 lb. (2 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 0.35 lb. (21 to 43 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When the system is noticeably fouled, add this product at the rate of 0.18 to 0.35 lb. (21 to 43 ppm) per 1000 gallons of water in the system. Repeat control is achieved. SUBSEQUENT DOSE: When the system is noticeably fouled, add this product at the rate of 0.18 to 0.35 lb. (21 to 43 ppm) per 1000 gallons of water in the system.

FOR CONTROL OF FUNGI AND ALGAE: 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, 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 1.1 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When the system is noticeably fouled, add this product at the rate of 1.1 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water in the system. Repeat control is achieved.

FOR THE CONTROL OF Fungi and ALGAE: 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.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS:
For controlling bacteria, fungi and algae in once through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals and lagoons, add this product to the systems' inlet water or before any other contaminant area in the system. Additions of this product should be made with a metering pump. It may be continuous or intermittent depending upon the severity of the contamination when treatment is begun, and the retention time in the system. BADLY FOULED SYSTEMS MUST be cleaned before treatment is begun.

FOR THE CONTROL OF BACTERIA: Add this product at the rate of 0.14 to 0.11 lb. (4 to 43 ppm) per 1000 gallons of water based on the flow rate through the system, depending upon the severity of contamination.
INTERMITTENT METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.14 to 0.11 lb. (4 to 43 ppm) per 1000 gallons of water based on the flow rate through the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.14 to 0.11 lb. (4 to 43 ppm) per 1000 gallons of water. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved. CONTINUOUS FEED METHOD - INITIAL DOSE: When microbial control is evident, add this product at the rate of 0.14 to 0.11 lb. (4 to 43 ppm) per 1000 gallons of water. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

FOR THE CONTROL OF FUNGI AND ALGAE: Add this product at the rate of 1.11 to 3.65 lbs. (133 to 438 ppm) per 1000 gallons of water and as needed to maintain control.
INTERMITTENT METHOD - INITIAL 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 daily or as needed to maintain control.

METAL-WORKING CUTTING FLUIDS CONTAINING WATER:
This product is effective in metal-working fluid concentrations 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 should be made with a metering pump.
INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 10.5 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. (4.4 to 8.8 gallons) per 1000 gallons of metal-working fluid per day, or as needed to maintain control. Additions of this product can be made continuously or intermittently. Slugg for the system as required.

AIR WASHERS:
For use 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. (286 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 to 2.4 lbs. (286 to 752 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. (286 to 438 ppm) per 1000 gallons 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 1.5 to 2 lbs. (438 to 752 ppm) per 1000 gallons of water. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

NON-POURABLE 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 contaminant area ahead of the REVERSE OSMOSIS unit. This product should be added at a rate of 0.1 to 0.5 lbs. (0.4 to 2.4 lbs. per gallon) per 1000 gallons of feedwater. During use of this product both permeate and reject waters should be directed to the drain. 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. NON-POURABLE 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 0.2 to 0.4 lb. (24 to 48 ppm) per 1000 gallons of feedwater. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved. 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. Additions of this product can be made continuously or intermittently. Slugg for the system as required.

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