GE Betz

SPECTRUS™ NX1104
SLIME CONTROL AGENT

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES EYE AND SKIN DAMAGE. HARMFUL IF SWALLOWED. Do not get into eyes, on skin or on clothing. Do not inhale vapor or mist. Use with adequate ventilation. Wear rubber gloves, goggles or face shield when handling. Immediately remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS
This product is toxic to fish and wildlife. 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. Apply this pesticide only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS
Do not use, pour or store near heat or open flame.

FIRST AID
In case of contact with skin, wash immediately with plenty of soap and water. Immediately contact physician.
In case of contact with eyes, flush promptly and thoroughly with clear water for at least 15 minutes. Immediately contact physician.
In case of ingestion, immediately contact physician.
NOTE TO PHYSICIAN: Mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

ACTIVE INGREDIENTS:
Dodecyldimethylamine hydrochloride 5.0%
N-Allyl (C12 - 40%, C14 - 50%, C16 - 10%) dimethylammonium chloride . 8.0%

INERT INGREDIENTS: 87.0%
TOTAL: 100.0%

CONTENTS: LIQUID
POUNDS PER GALLON: 8.5 (70°F)
EPA REGISTRATION NUMBER: 3876-145
EPA ESTABLISHMENT NUMBER: 3876-PA-001

KEEP OUT OF REACH OF CHILDREN
DANGER

For Industrial Use.
Technical advice regarding specific site problems is available from GE Betz, Inc.

A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

For product use see Panel 2.

U.S. patents 4,816,163; 4,857,209 and 4,906,385

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

STORAGE AND DISPOSAL

STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous and/or toxic. 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:
METAL & PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.
FIBER DRUMS WITH LINERS: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

GE Betz, Inc., 4636 Somerton Road, Trevose, PA, 19053
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940
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RECIRCLATING COOLING WATER SYSTEMS
This product aids in the control of mollusca, barnacles, hydrozoa, bryozoa, and of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water system, commercial and industrial cooling towers, influent systems such as flow-through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers. 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 the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR THE CONTROL OF MOLLUSCA, BARNACLES, HYDROZOA, BRYOZOA, BACTERIA, FUNGI AND ALGAE
INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.3 to 2.0 pounds (36 to 240 ppm) per 1000 gallons of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.15 to 1.5 pounds (18 to 180 ppm) per 1000 gallons 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 0.3 to 2.0 pounds (36 to 240 ppm) per 1000 gallons of water in the system. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.05 to 0.5 pound (6 to 60 ppm) per 1000 gallons of water in the system.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS
This product aids in the control of mollusca, barnacles, hydrozoa, bryozoa and of algal, bacterial and fungal slimes in once-through the closed-cycle fresh and sea water cooling systems, cooling ponds, canals and lagoons. This product may be added to the system inlet water or before any contaminated area in the system. Addition of this product should be made with a metering pump, it may be continuous or intermittent depending upon the severity of 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 MOLLUSCA, BARNACLES, HYDROZOA, BRYOZOA, BACTERIA, FUNGI AND ALGAE
INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.2 to 1.0 pound (24 to 120 ppm) per 1000 gallons of water based on the flow rate through the system. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved. SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.05 to 0.5 pound (6 to 60 ppm) per 1000 gallons of water based on the flow rate through the system intermittently as needed to maintain control.

CONTINUOUS FEED METHOD - INITIAL DOSE: When the system is noticeably fouled, add this product at the rate of 0.2 to 1.0 pound (24 to 120 ppm) per 1000 gallons of water based on the flow rate through the system. Continue until control is achieved. SUBSEQUENT DOSE: When control is evident, pump a continuous feed of this product at the rate of 0.02 to 0.2 pound (2.4 to 24 ppm) per 1000 gallons of water based on the flow rate through the system.

AUXILIARY WATER AND WASTE WATER SYSTEMS
This product is effective for the control of mollusca, barnacles, hydrozoa, bryozoa and of odor-forming and 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. This product may be added to the system by slug or intermittent feed or by spraying onto a waste pile. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additional 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 1.5 to 4.0 pounds per 1000 gallons 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 0.75 to 2.0 pounds per 1000 gallons of water in the system.

ENHANCED OIL RECOVERY SYSTEMS
For controlling slime-forming bacteria, sulfide-producing bacteria, yeaste and fungi in oil field water, polymer or micellar floods, water disposal systems, or other oil field water systems, add this product at the rate of 90 to 495 ppm (30 to 165 pounds per 1000 barrels of water) depending upon the severity of contamination. Additions to this product should be made with a metering pump either continuously or intermittently. Addition of this product may be made at the free water knockout, before or after the injection pumps and injection well headers.

INTERMITTENT OR SLUG METHOD: When the system is noticeably fouled, or to maintain control of the system, add this product at the rate of 90 to 495 ppm (30 to 165 pounds per 1000 barrels of water) intermittently for 4 to 8 hours per day, and from 1 to 4 times per week as needed depending on the severity of contamination. Subsequently, treat with this product at the rate of 90 to 180 ppm (30 to 60 pounds per 1000 barrels of water) continuously or as needed to maintain control.

CONTINUOUS FEED METHOD: When the system is noticeably fouled, add this product at the rate of 90 to 495 ppm (30 to 165 pounds per 1000 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with this product at the rate of 90 to 180 ppm (30 to 60 pounds per 1000 barrels of water) continuously or as needed to maintain control.

Lot Number: 6017636
Packaging Date: 06/19/2003
Net Weight: 950 lbs

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