Lot Number: 

HEALTH 3 

SPECTRUS® NX1100 

FLAMMABILITY 0 

Material ID: 

REACTIVITY 0 

Net Weight: 

PERSONAL PROTECTION D 

Packaging Date: 

Made in USA 

**SPECTRUS**® NX1100 

**PRECAUTIONARY STATEMENTS** 

HAZARDS TO HUMANS AND DOMESTIC ANIMALS 

**DANGER** 

PELIGRO 

DANGER: Corrosive. Causes irreversible eye damage. Causes skin burn. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Harmful if inhaled. Avoid breathing spray mist. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash 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. Gloves or face shield. Chemical-resistant gloves such as butyl, nitrile, neoprene rubber, polyvinyl chloride, or similar. 

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. Glassed clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. 

**ENVIRONMENTAL HAZARDS** 

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, ditches, septic systems or other waters unless in accordance with the requirements of the 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 assistance, contact your State Water Board or Regional Office of the EPA. 

**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 algae-rich water. 

**PESTICIDE DISPOSAL:** Pesticide waste is extremely hazardous. Improper disposal of excess pesticides, spray mixtures, or other residue can violate 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. 

**WASTE DISPOSAL:** Tripletone 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 spray. 

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. 

**RECOMMENDATION DISPOSAL:** Empty remaining contents into application equipment or a mix tank. Fill the container half full with water. Replace and tighten cap. Tip container on its side and roll it back and forth, ensuring at least one complete revolution. Empty the remaining contents of the mix tank or store contents for later use or disposal. Repeat this procedure two or more times. 

**CONTAINER DISPOSAL:** Refill with pesticide only. Do not reuse this container for any other purpose. Clean the container before final disposal. The container is the responsibility of the person disposing of the container. 

**Cleaning:** Clean the container after rinsing the responsibility of the user. Clean the container from the final disposal, empty the remaining contents from the container into application equipment or a mix tank. Fill the container with about 10 percent full with water. Agitate vigorously, rinse out with the pump for 2 minutes. Pour or rinse into application equipment or rinse into a work area, system. Repeat this rinsing procedure two more times. 

**Panel 1 of 2** 

GE Betz, Inc. 366 Somerton Road, Trevose, PA 

Business Phone: 215-355-3300 • Emergency Phone: 215-355-3300
SPECTRUS® NX1100

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

This product is effective for the control of bacterial, fungal and algal slime in recirculating water systems, air washer systems that maintain effective mist eliminating, auxiliary service water systems and waste water systems.

This product is effective for the control of bacteria, fungi and algae which cause fouling in metal working fluids, hydraulic fluids, hydrocarbon based fuel oils, and as an oil based industrial formulations.

RECIRCULATING WATER SYSTEMS

This product is effective for the control of bacterial, fungal and algal slime 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, brewhouses, steamers, Synergistic coolant and return water systems. 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 POURED 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 0.4 to 4.2 pounds per 1000 gallons to 500 pounds of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.9 to 3.3 pounds 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 0.4 to 4.2 pounds per 1000 gallons of water in the system every 3 days or as needed to maintain control.

INTERMEDIATE WATER BASED COOLANT FORMULATIONS

Intermediate water based coolant formulations used in closed recirculating systems can become contaminated with microorganisms. This product is an excellent biocidal preservative to inhibit the growth of microorganisms through storage, shipping, handling and use. Intermediate water based coolant formulations can contain from 0.005 to 0.05 to 1.000 gallons (0.005 to 1.000 ppm) of this product for in-line preservation of the quality of the formulation and to extend the usefulness of the liquid coolant system. Final use dilution can exceed 500 ppm of this product in the first water based coolant formulation. As an example, treated coolant can be used in MRI (Magnetic Resonance Imaging) medical devices. The coolant is to remove the heat generated by the gradient coil and the gradient amplifier.

AIR WASHERS

For use only in all air washing system that maintain effective mist eliminating components. To control bacteria, fungi and algae which cause fouling in industrial and air washing systems, add this product to the air washer pump or fit air pump to the product and add at the rate of 0.4 to 4.2 pounds per 1000 gallons of water in the system depending upon the severity of the contamination. BADLY POURED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add the product at the rate of 0.4 to 4.2 pounds per 1000 gallons to 500 pounds 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 0.4 to 4.2 pounds per 1000 gallons of water in the system every 3 days or as needed to maintain control.

AUDIARY WATER SERVICE AND WATER WASTE WATER SYSTEMS

This product is effective for the control of odor forming bacteria, slime forming bacteria, fungi and algae in auxiliary and service water systems such as the protection systems and pump or screen bays, waste water and waste material disposal, holding or recovery systems such as storage hydrants, storage tanks, processing plants, settling ponds, settling containers, transport spillways or canals and disposal wells.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, add the product at the rate of 0.4 to 4.2 pounds 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 0.4 to 4.2 pounds per 1000 gallons 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 0.3 to 3.3 pounds per 1000 gallons of water, or 400 ppm of water in the system every day.

This product may be added to the system water or by spraying or on a waste pile as needed. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additives 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 0.4 to 4.2 pounds per 1000 gallons of water to 500 pounds 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 0.3 to 3.3 pounds per 1000 gallons of water to 400 ppm of water in the system.

METAL WORKING FLUIDS, HYDRAULIC FLUIDS, HYDROCARBON BASED FUEL OIL AND OIL AND WATER BASED INDUSTRIAL FORMULATIONS

For control of bacteria, fungi and algae which cause fouling in metal working fluids, hydraulic fluids, hydrocarbon based fuel oils, and oil and water based industrial formulations, add this product to the fluid in the system at the rate of 0.4 to 4.2 pounds per 1000 gallons of fluid to 400 ppm of fluid in the system. Repeat every 4 weeks or until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.4 to 4.2 pounds per 1000 gallons of water to 400 ppm of fluid in the system every 4 weeks or as needed to maintain control.

Lot Number: 6022058

Packaging Date: 215-355-3300

Emergency Phone: 800-877-1940

Panel 2 of 2

UN2927 TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (MIXTURE OF 5-CHLORO-2-METHYL-4-ISOXAZOLIN-3-ONE AND 2-METHYL-4-ISOXAZOLIN-3-ONE, 2-BROMO-2-NITROPROPANE-1,3-DIOL)