SPECTRUS® NX1105

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Avoid breathing vapor. Do not swallow. Wear goggles, protective clothing, and butyl or nitrile gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

ACTIVE INGREDIENT:

Glutaraldehyde: 45%
INERT INGREDIENTS: 55%
TOTAL: 100%

EPA REGISTRATION NUMBER: 464-692-3876
EPA ESTABLISHMENT NUMBER: 3876-CH-001

STORAGE AND HANDLING

SPECTRUS NX1105 solutions are incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. SPECTRUS NX1105 solutions can be stored and handled in bakelite phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 1°F (-17°C). Therefore, unless the storage tank is stored or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C). A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel TEFLON® Polypropylene is suitable for gaskets and handles. In a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (NIOSH/OSHA approved or purifying respirator equipped with an organic vapor cartridge) may be required.

LIMITED WARRANTY AND DISCLAIMER

Sellers warrants that the product conforms in its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinseate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple or pressure rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, for other procedures approved by state and local authorities.

Distributed by: GE Betz, Inc., 4636 Somerton Road, Trevose, PA 19053
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940

Wash:
GEN 1105 - 464-692-44 - 58074
SPECTRUS® NX1105


DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECYCLING AND PROCESS WATER SYSTEMS
This product may be used only in industrial air washers and air washer systems which have mist eliminating components.
SPECTRUS® NX1105 should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with SPECTRUS® NX1105. Under these conditions, blowdown should be discontinued for up to 24 hours.
SPECTRUS® NX1105 can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

INTERMITTENT (SLUG DOSE) METHOD - Initial Dose: When the system is noticeably fouled, apply 12.7 to 25.4 fluid ounces of SPECTRUS® NX1105 per 1,000 gallons of water in the system. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 5.1 to 12.7 fluid ounces of SPECTRUS® NX1105 per 1,000 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD - Initial Dose: When the system is noticeably fouled, apply 12.7 to 25.4 fluid ounces of SPECTRUS® NX1105 per 1,000 gallons of water in the system. Subsequent Dose: Maintain this treatment level by starting a continuous feed of 2.5 to 12.7 fluid ounces of SPECTRUS® NX1105 per 1,000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

SERVICE WATER AND AUXILIARY SYSTEMS
SPECTRUS® NX1105 should be added at the same application rates, and in the same manner as described above. It should be added to the system at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS (Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers)
SPECTRUS® NX1105 should be added at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

INDUSTRIAL WASTEWATER SYSTEMS (Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)
SPECTRUS® NX1105 should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 0.45 to 2.2 gallons (500 to 2,500 ppm of SPECTRUS® NX1105) per 1,000 gallons of wastewater or sludge.

GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS
SPECTRUS® NX1105 should be added to a gas production or transmission pipeline via direct injection. The application should be conducted to insure maximum distribution of SPECTRUS® NX1105 throughout the entire internal pipeline surface by adding a sufficient amount of biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute the SPECTRUS® NX1105 with an appropriate solvent immediately before use. The concentration in the solvent should not fall below an active concentration range of 500 to 5,000 ppm based on the volume of the water in the pipeline. Injections to the system should be weekly, or as needed to maintain control.