SPECTRUS® NX1100

Lot Number: 3

Material ID: SPECTRUS

Net Weight: 500 lbs

Packaging Date: Made in

SPECTRUS® NX1100

HEALTH

FLAMMABILITY

3 0

REACTIVITY

0 0

PERSONAL PROTECTION

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 frequently 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. Goggles or face shields. Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 reuse them.

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.

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.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning if appropriate. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

CONTAINER DISPOSAL: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.
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 slimes 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 bacterial, fungal and algal slimes 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, brewery pasteurizers, hydrostatic cookers and retort waters. 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 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 0.4 to 4.2 pounds per 1000 gallons/50 to 500 ppm of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.3 to 3.3 pounds per 1000 gallons/40 to 400 ppm 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/50 to 500 ppm of water in the system. Repeat until control is achieved. SUBSEQUENT DOSE: Continuously feed this product to maintain a dosage of 0.3 to 3.3 pounds per 1000 gallons/40 to 400 ppm of blowdown (or water loss) from the system.

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 in-can preservative to inhibit the growth of microorganisms through storage, shipping, handling and use. Intermediate water based coolant formulations can contain from 0.36 lb to 5.25 lb/100 gallons (480 to 7000 ppm) of this product for in-can preservation of the quality of the formulation and to extend the usefulness of the liquid coolant system. Final use dilution cannot exceed 500 ppm of this product in the final water based coolant formulation. As an example, treated coolant can be used in MRI (Magnetic Resonance Imaging) medical devices. The coolant is used to remove the heat generated by the gradient coil and the gradient amplifier.

AIR WASHERS
For use only in an air washing system that maintain effective mist eliminating components. To control bacteria, fungi and algae which cause fouling in industrial air washing systems, add this product to the air washer sump or chill water sump to insure uniform mixing when added at the rate of 0.3 to 3.3 pounds per 1000 gallons/50 to 400 ppm of water in the system. Depending upon the severity of the contamination, BADLY FOULED SYSTEMS must be cleaned before treatment is begun. INTERMITTENT OR SLUG METHOD: When the system is noticeably fouled, apply this product at the rate of 0.4 to 4.2 pounds per 1000 gallons/50 to 400 ppm 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/50 to 500 ppm in the system. SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of this product at the rate of 0.3 to 3.3 pounds per 1000 gallons/40 to 400 ppm of blowdown (or water loss) from the system.

AUXILIARY WATER/SERVICE WATER AND WASTE WATER SYSTEMS
This product is effective for the control of odor-forming bacteria, 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.

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 of water/50 to 500 ppm in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When control is evident, add this product at the rate of 0.3 to 3.3 pounds per 1000 gallons of water/40 to 400 ppm 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/50 to 500 ppm in the system. Repeat until control is achieved. SUBSEQUENT DOSE: When microbial control is evident, add this product at the rate of 0.3 to 3.3 pounds per 1000 gallons/40 to 400 ppm of blowdown (or water loss) from the system every 3 days or as needed to maintain control.

SUBSEQUENT DOSE: When control is evident, add this product at the rate of 2 to 5 pounds per 1000 gallons/240 to 600 ppm of fluid in the system every 4 weeks or as needed to maintain control.

INTERMITTENT OR SLUG METHOD: When treatment is required, add this product at the rate of 2 to 5 pounds per 1000 gallons of water/1200 to 6000 ppm 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/1200 to 6000 ppm in the system.

METAL WORKING FLUIDS, HYDRAULIC FLUIDS, HYDROCARBON BASED FUEL OIL AND OIL AND/OR 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/or water based industrial formulations, add this product to the fluid insuring uniform mixing at the rate of 2 to 5 pounds per 1000 gallons/240 to 1200 ppm of fluid in the system depending upon the severity of the contamination. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT OR SLUG METHOD - INITIAL DOSE: When the system is noticeably fouled, apply this product at the rate of 2 to 5 pounds per 1000 gallons/400 to 1200 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 2 to 5 pounds per 1000 gallons/240 to 600 ppm of fluid in the system every 4 weeks or as needed to maintain control.