Nuosept™ 515RX Preservative

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER
CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF INHALED. HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.

Do not get in eyes, on skin, or on clothing. Misers, loads, or other exposed product to this product must wear long-sleeved shirt and long pants. Chemical resistant gloves such as nitrile or butyl rubber; shoes plus sock; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been splashed or heavily contaminated with this product. Do not reuse. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or caring for children. Users should remove clothing immediately if pesticide gets inside. Wash thoroughly and put on clean clothing. Users should wash PPE separately after using this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions.

ENVIROMENTAL HAZARDS
This product is not hazardous to air, water, and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or 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 local Board of Health or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply pesticide only as specified on this label.

ACTIVE INGREDIENTS:
5-Chloro-2-methyl-4-isothiazolin-3-one 1.11% 2-Methyl-4-isothiazolin-3-one 0.38%

TOTAL: 1.50%

This product contains the active ingredients at 0.126 pounds per gallon.

Contents could be of U.S. or Great Britain.

EPA Reg. No. 1529-67
EPA Est. No. 74655-TC-1 74655-GA-001

KEEP OUT OF REACH OF CHILDREN
DANGER
FIRST AID

If in Eyes:
Wash 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. Call a poison control center or doctor for 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 on 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.

If Inhaled:
Move the person to fresh air. If person is not breathing, call 911 or ask for an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contaminate use of digestive lavage.

IN CASE OF EMERGENCY CALL: 1-800-ASHLAND

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

BY STORAGE AND DISPOSAL

PESTICIDE STORAGE: This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinse water 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 HANDLING: 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 the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tightly close tip container on its side and roll back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and roll 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 rinsewater for later use or disposal. Repeat this procedure two more times.

GENERAL CONSERVATION, STATE OR LOCAL DISCLAIMER ULTIMATE ALTERNATIVE PROCEDURES.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product by a method that will contact workers or other persons. NUOSEPT 515RX PRESERVATIVE controls bacterial and fungal contamination in aqueous systems. NUOSEPT 515RX PRESERVATIVE is not recommended for use in edible water systems or contamination of potable water can occur. SYNTHETIC LATEX PRESERVATIVE: NUOSEPT 515RX PRESERVATIVE prevents microbial contamination in synthetic latex emulsion systems. The recommended dosage range for latex preservation is 0.01% to 0.1% based on total weight of product. The most efficient dosage range for latex preservation is 0.02% to 0.05%. Compatibility must be part of the evaluation.

AGREEMENTS
NUOSEPT 515RX PRESERVATIVE is an aqueous preservative designed to reduce bacterial and fungal contamination in natural (animal, vegetable and protein) and synthetic (polyacrylic esters, ethylene vinyl acetate, styrene butadiene rubber, nitrile butadiene rubber, etc) adhesives. It is extremely effective in reducing growth in adhesives formulas with animal, protein, vegetable, polyacrylic, polyethylene, polyvinyl and styrene-butadiene latexes and latexes. The normal recommended dosage range is 0.1% to 0.10% based on the total formulation weight of the adhesive. A higher incorporation level, from 0.1% to 0.5% on a total weight basis, will be required in highly susceptible adhesives. The product can be added neat or blended with water. NUOSEPT 515RX PRESERVATIVE can be incorporated with ease into the paint, paper, ink or latex emulsion systems.

PULP AND PAPER MILL SYSTEMS
NUOSEPT 515RX PRESERVATIVE is a bifunctional anti-bacterial and anti-microbial product designed to control bacterial and fungal growth in papermaking systems. Dosage of NUOSEPT 515RX PRESERVATIVE will vary from 0.1% to 0.3% (0.7 to 2 lbs per 1000 lbs processed). Depending upon the type of shock, raw water and degree of contamination, rough sized systems should be checked for initial treatment. NUOSEPT 515RX PRESERVATIVE is typically applied with a chemical water pump linked to a timer. It should be added at a point in the system to ensure uniformity in reaching the bed, hydrapneer, fan or large storage tanks. Specific feeding points and schedules as will be determined by the local mill representatives for the particular application.

MINERAL SLURRIES/COLORANTS
NUOSEPT 515RX PRESERVATIVE can be incorporated into mineral slurries such as color granulate and pigment slurry to inhibit bacterial and fungal contamination and thus maintain product integrity. For mineral slurries, such as coal and carbonates and other aqueous slurries, the recommended dosage range is 0.1% to 0.5% on the total formulation weight of the slurry. The dosage rate for colored systems, a higher dosage range of 0.10% to 0.20% on the total formulation weight of the slurry, will be required in inorganic systems. NUOSEPT 515RX PRESERVATIVE is used generally post-pressed, under slight agitation, into the mineral slurry of colorant before being shipped or stored.

METAL WORKING FLUIDS
NUOSEPT 515RX PRESERVATIVE is recommended for use as a preservative in aqueous metal-working fluids. To maintain an uncontrolled environment, a minimum level of 0.10% of NUOSEPT 515RX PRESERVATIVE every four weeks would be appropriate. Every eight or twelve weeks, 250-1200 ppm (0.07 - 0.344 lbs per 31 - 144,000 gallons of water) of NUOSEPT 515RX PRESERVATIVE would be appropriate. For a totally filtered system, an initial treatment at a dosage range of 500-1100 ppm (0.14 - 0.933 pounds per 62 - 143,000 gallons per 1000 gallons of water in the system) would be suitable followed by maintenance dosages. Higher dosages and more frequent treatments may be needed depending on the rate of dilution of the preservative in the system and the nature of the contaminants. The normal recommended range of control required, the effectiveness of filtration and the system design.

INK/INK COMPONENTS/FOUNTAIN SOLUTIONS/PHOTO PLATE PROCESSING NUOSEPT 515RX PRESERVATIVE is recommended for water-based printing inks such as fluorescent, graphic, screen, and ink jet. NUOSEPT 515RX PRESERVATIVE is recommended for the control of bacteria and fungi in fountain solutions and photo plate processing such as stabilizer solutions. NUOSEPT 515RX PRESERVATIVE should be added to the fountain solution concentrate or processing chemical concentrate at a level to ensure optimum preservation. The recommended dosage range for ink, ink components, fountain solutions and photo plate processing chemicals is 0.1% to 1.0% on a total weight basis. The optimum level range for acidic fountain solutions is 0.5% to 0.7% and for neutral fountain solutions the level range is 0.3% to 0.7%. A level adjustment may be necessary in response to the total weight change in normal operating conditions.

BUILDING MATERIAL PRESERVATION
NUOSEPT 515RX PRESERVATIVE is recommended for use as a preservative for the control of bacteria and fungi in building materials such as caulk, grouting, insulations, mortars and renders. On new construction, architectural products, finishes and special purpose covers. NUOSEPT 515RX PRESERVATIVE is recommended for use as a preservative on concrete and masonry in cement mixes for retaining walls, fireplaces, and other masonry work. NUOSEPT 515RX PRESERVATIVE is recommended as a preservative for tiles derived from clay and hydration of raw materials.

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