KEEP OUT OF REACH OF CHILDREN DANGER

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR USE

For industrial use only

Manufactured in the United States

The dosage of Nuosept™ 220 required for any specific application will depend upon a number of factors including the nature and extent of microbiological contamination, the type and volume of the system being treated, the degree of control desired, and retention time in the system. Where necessary, your Ashland Representative will arrange for microbiological and chemical analysis, so that technical advice can be given concerning specific site problems.

RECYCLING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS

Drums for industrial water cooling towers will depend upon the condition of the system prior to the initiation of treatment. Heavy contaminated systems must be cleaned and replaced with a fresh make-up prior to any treatment. A new, clean system or one which is under treatment when first indicated according to the following schedule:

BACTERIAL AND FUNGAL CONTROL
INTERMITTENT OR SLUG FEED METHOD – Initial Dose. When the system is nutritionally loaded, add 0.1 to 2 fluid ounces (5 to 10 ml) Nuosept™ 220 per each 1000 gallons of water in the system. This dose may be repeated once, twice, or three times weekly or as required to control the growth of microbial organisms. Subsequent Dose. When microbial control is evident, add 0.5 to 2 fluid ounces (2.5 to 10 ml) Nuosept™ 220 per each 1000 gallons of water in the system every five days, or as needed to maintain control.

CONTINUOUS FEED METHOD – Initial Dose. When the system is nutritionally loaded, add 0.1 to 2 fluid ounces (5 to 10 ml) Nuosept™ 220 per each 1000 gallons of water in the system. This dose may be repeated once, twice, or three times weekly or as needed to maintain control. Subsequent Dose. When microbial control is evident, add 0.5 to 2 fluid ounces (2.5 to 10 ml) Nuosept™ 220 per each 1000 gallons of water in the system every five days, or as needed to maintain control.

CONTINUOUS FEED METHOD – Initial Dose. When the system is nutritionally loaded, add 0.1 to 2 fluid ounces (5 to 10 ml) Nuosept™ 220 per each 1000 gallons of water in the system. This dose may be repeated once, twice, or three times weekly or as needed to maintain control. Subsequent Dose. When microbial control is evident, add 0.5 to 2 fluid ounces (2.5 to 10 ml) Nuosept™ 220 per each 1000 gallons of water in the system every five days, or as needed to maintain control.

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METAL/METALCONE FLUIDS CONTAINING WATER
Nuosept™ 220 is compatible with metal/metalcone fluids which contain water at their working temperatures up to 220°F (100°C) and at pressures up to 3000 psi. Cooling fluids using metal/metalcone fluids are generally protected with 0.1 to 0.5%. Nuosept™ 220 is also an effective preservative useful in controlling bacterial growth even at dilutions of 1/4 oz/100 gallons (2 oz per 4000 gallons) and effective at higher concentrations. The dosage of Nuosept™ 220 for metal/metalcone fluids should be determined by the manufacturer of the fluid concerned and should be added in such a way as to ensure that the metal/metalcone fluid is protected. Nuosept™ 220 should be added as directed by the manufacturer of the metal/metalcone fluid, and the effectiveness of the preservative should be monitored and protection of raw materials will aid in the effectiveness of the preservative.

CONSUMER, HOUSEHOLD AND INSTITUTIONAL USE

Nuosept™ 220 may be used to reduce microbiological contamination in process water and raw materials during the formulation phase or be added directly to the final formulated product to reduce contamination prior to packaging of formulated water-based products such as paints and coatings, lubricants, adhesives, emulsions, and cauls.

INDESTRUCTIBLE FURNITURE AND HARDWARE
 nuosept™ 220 is suitable for use in wood, metal, plastic, and glass surfaces. Nuosept™ 220 is not intended for use on finished wood surfaces. Nuosept™ 220 should be used as directed by the manufacturer of the metal/metalcone fluid, and the effectiveness of the preservative should be monitored and protection of raw materials will aid in the effectiveness of the preservative.

INTERNATIONAL SPECIALTY PRODUCTS
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