DIRECTIONS FOR USE

This product 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 the National Pollutant Discharge Elimination System (NPDES) permit and the permitting authorities has been notified prior to discharge. Do not discharge large 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. Store this product away from direct sunlight and heat to avoid deterioration. In case of a spill, flood the area with large quantities of water.

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 Protection Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING AND DISPOSAL: Nonrefillable container [greater than 5 gallons]. Do not reuse or refill this container. Offer for recycling or reconditioning if appropriate. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Fill the container 1/4 full with water. Replace and tighten closures. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Fill the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Trip container on its side and roll it back and forth, ensuring that the container is shaken. Stand the container upright and tap it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinse into application equipment or a mix tank or rinse for later use or disposal. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Containers containing this product must be cleaned promptly after use and rinsed with a solution of 1% hypochlorite and 0.5% sodium metabisulfite prior to disposal. Do not contaminate water, feed, or food by storage or disposal. This product may be used only in air washer systems which have mist eliminating components. AIR WASHER SYSTEMS (for control of bacteria and fungi) [Not for use in California]

Have the product container or label with you when calling a poison control center or doctor, or for treatment advice.

CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE.

• Call a poison control center or doctor immediately for treatment advice.

• Do not handle, store, or dispose of this container or its contents until you have read and understood all the labels on this container and on all containers of the material it contains.

• Do not contaminate water, food or feed by storage or disposal.

• Do not allow children to enter is area until it is thoroughly rinsed with clean water.

• Do not reuse or refill this container.

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PAPER AND PAPERBOARD MANUFACTURING (for control of bacteria, fungi and algae)

a) For use as a silicamide in the manufacture of paper and paperboard products and adhesives that do not contact food.

Dosing: Additions should be made at a point in the system where mixing action is good, e.g. raw stock chest beater or mixing unit. Add intermittently or continuously depending on mill conditions.

Intermittent Dosing: Add 122.5-1750 ppm of this product (24.5-350 ppm THPS) based on total water volume or an equivalent based on dry weight of paper produced.

Continuous Dosing: Add 70-245 ppm of this product (14-49 ppm THPS) based on total water volume or an equivalent based on dry weight of paper produced.

b) For use as a preservative to retard microbial growth in water-based coatings, starches, pigments and filler slurries.

Do not use in paper and paperboard and adhesives that will contact food. [Not for Use in California]

The treatment rate necessary to retard spoilage of the additive will vary with the extent of contamination of make-up water and the length of storage.

Dosing: Apply from 875-2500 ppm of this product (50-500 ppm THPS) to the additive to be preserved based on the total weight of the additive and water.

INDUSTRIAL FRESH WATER SYSTEMS [Not for Use in California]

Do not use in freshwater used in the manufacture of paper and paperboard products that may contact food.

This product is effective in controlling algae in holding ponds and in controlling bacteria and fungi in holding and processing tanks of industrial fresh water systems supplying water to pulp and paper mills, textile mills, and other manufacturing plants. In pulp and paper mills, treatment of the fresh water with this product can make an important contribution to slime control. The use of this product as described will reduce the development of slime in fresh water pipes and other equipment, and on the pulp and paper mill machine parts contacted by fresh water.

For the control of algae in industrial fresh water systems, this product should be added to provide a concentration of 5-50 ppm of product (1-10 ppm of THPS). Treatment should be based on the amount of water entering a pond or reservoir or leaving the pond or reservoir and entering the immediate processing operations. While treatment can be made continuously, regular slug-dosing treatment will provide adequate control.

SOLUTIONS / EMULSIONS

Not for use in manufacture of paper and paperboard products and adhesives that may come in contact with food. For the preservation of solutions, emulsions, adhesives and other aqueous liquid products, the addition of 0.875% to 0.875% of this product (0.175-0.175 THPS) is effective. Add at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of this product to be added will be determined by the type of given formulations will depend on the components as well as load storage time and requirements.

FORMULA 3004

Main Office: 50 Ingrid Road, Burlingame, CA 94010 (650) 697-5811 FAX (650) 692-6098

Plants: Addison, IL Atlanta, GA Edison, NJ Dallas, TX Burlingame, CA

Oil and Gas Production and Transmission Pipelines and Systems

This product should be added at a point in the pipeline where uniform mixing will occur. The application should be conducted to ensure maximum distribution of this product throughout the entire internal surface of the pipeline by adding an amount of biocide which eventually comes out the other end of the pipeline. Criteria for success of the treatment will be reduction in bacterial counts and/or corrosion rates.


Continuous Dosing: This product can be dosed continuously at a level of 52.3-376 ppm (10.5-75 ppm THPS).

Hydraulic Fracturing [Not for use in California]

This product should be added to the frac water storage tanks or directly into the well head injection pipeline as the water being pumped down-hole. Add 250-1312.5 ppm of this product (50-262.5 ppm THPS), depending on the degree of bacterial fouling in the source water.

Drilling Muds, Packer Fluids, Completion and Workover Fluids

This product should be added to these fluids at a point where uniform mixing will occur. Add 122.5-5250 ppm of this product (24.5-1050 ppm THPS) to a freshly prepared fluid depending on the type of mud system.

Gas Storage Well and Systems [Not for Use in California]

Individual injection wells should be treated with this product at the same application rates, and in the same manner as described under Water Floods. Injections should be repeated as needed to maintain control.

Individual drips should be treated with a sufficient quantity of this product to produce a concentration of 125-500 ppm of this product (25-100 ppm THPS) when diluted by the water present in the drip. Injections should be repeated as needed to maintain control.

Well Remediation Operations [Not for Use in California]

Individual production or injection wells may be bullheaded with this product to control bacteria and simultaneously dissolve iron sulfide deposits. This product will be pumped into the well as a solution of water containing from 50 to 100% this product (10-20 THPS). The well is shut-in for a period of time (at least 6 hours) then put back into operation.

Hydrotesting

Water used to hydrotest pipelines or vessels should contain 250-2500 ppm of this product (50-500 ppm THPS), depending on water quality and length of time the equipment will remain idle.

Pipeline Pigging and Scraping Operation

Add 70-245 ppm of this product to slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient product should be added to produce a concentration of 0.25% to 0.25% (50-500 ppm THPS) in the water at the discharge point or pig trap, depending on the length of the pipeline and the severity of the biofouling.

Note: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. To the extent consistent with applicable law, buyer assumes all risk of use and handling of this material, when such use and/or handling is contrary to label directions.

Active ingredient produced in United Kingdom and/or China