PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE

CAUSES INHERENTLY IRREVERSIBLE EYE DAMAGE

HARMFUL IF INHALED

MAY CAUSE ALLERGIC SKIN REACTION

CAUSES SKIN IRRITATION

HARMFUL IF ABSORBED THROUGH THE SKIN

CAUSES SKIN IRRITATION

CAUSES IRREVERSIBLE EYE DAMAGE

HARMFUL IF ABSORBED

CORROSIVE

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

NOTE TO PHYSICIAN

IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CONTACT YOUR NEAREST EPA REGIONAL OFFICE, YOUR STATE OR LOCAL HAZARDOUS WASTE CONTROL AGENCY, OR THE U.S. ENVIRONMENTAL PROTECTION AGENCY.

CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Suitable for disposal in sanitary toilets with adequate circulation. Not for disposal in surface waters.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters because it is toxic to aquatic life. When microbial control is evident, dose weekly or as needed to maintain control.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE STORAGE

Do not store or transport in unlined metal containers. KEEP PRODUCT FROM FREEZING.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide or residue 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.

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PAPERMILLS FOR FOOD CONTACT

- Control fungal, bacterial and algae growth on paper and paperboard machines, add this product at 3.0-8.0 lb (5.1-12.6 fluid ounce) per ton of dry paper or paperboard produced at a location to insure uniform mixing (including dusters, wire, pulp, sawdust, moisture or headbox). Treatment may be by bag or continuous dosing to achieve 12.0 ppm product (1.5-4.0 ppm active ingredient) in the wet end portion of the system. Dosing frequency will depend on mill conditions and the level of microbial fouling. For preparation of non-resident food contact paper and paperboard, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- The active ingredient in this product has FDA Clearances under 21CFR 176.180 (b)(1) and 21CFR 176.300 (c) for the following uses: wet lap pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product may be dosed to achieve 588-2,353 ppm product (25-100 ppm active ingredient) on the final paper (dry basis). For uncoated paper or board, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- For preparation of non-resident non-food contact paper and paperboard, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- To control fungal or bacterial growth on paper, add this product at 0.25-1.2 lb (3.6-18 fluid ounce) per ton of dry paper to provide 235-1176 ppm product (10-50 ppm active ingredient) on the final paper (dry basis). For uncoated paper or board, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- When microbial control is evident, dose weekly or as needed to maintain control. For noticeably fouled systems, apply 47-141 ppm product (0.5-4 ppm active ingredient) per 1000 gallon of water. Repeat until control is achieved. For badly fouled systems, the effluent must be processed through a waste water treatment facility prior to release. NOTE: THE HIGHER USE RATE IS NOT APPROVED IN THE STATE OF CALIFORNIA.

THE USES BELOW ARE NOT APPROVED FOR USE IN CALIFORNIA

PAPERMILLS FOR NON-FOOD CONTACT

- Control fungal, bacterial and algae growth on paper and paperboard machines, add this product at 0.1-4 lb (1.5-6.6 fluid ounce) per ton of dry paper or paperboard produced at a location to insure uniform mixing (including dusters, wire, pulp, sawdust, moisture or headbox). Treatment may be by bag or continuous dosing to achieve 12.0 ppm product (1.5-4.0 ppm active ingredient) in the wet end portion of the system. Dosing frequency will depend on mill conditions and the level of microbial fouling. For preparation of non-resident food contact paper and paperboard, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- The active ingredient in this product has FDA Clearances under 21CFR 176.170 (a)(2), 21CFR 176.170 (b)(1) and 21CFR 176.300 (c) for the following uses: wet lap pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product may be dosed to achieve 588-2,353 ppm product (25-100 ppm active ingredient) on the final paper (dry basis). For uncoated paper or board, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- For preparation of non-resident non-food contact paper and paperboard, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- To control fungal or bacterial growth on paper, add this product at 0.24-1.2 pound (3.6-18 fluid ounce) per ton of dry paper to provide 235-1176 ppm product (10-50 ppm active ingredient) on the final paper (dry basis). For uncoated paper or board, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- When microbial control is evident, dose weekly or as needed to maintain control. For noticeably fouled systems, apply 47-141 ppm product (0.5-4 ppm active ingredient) per 1000 gallon of water. Repeat until control is achieved. For badly fouled systems, the effluent must be processed through a waste water treatment facility prior to release. NOTE: THE HIGHER USE RATE IS NOT APPROVED IN THE STATE OF CALIFORNIA.

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DISPERSED PIGMENT PRESERVATION

- This product is recommended for the control of bacteria inks and inks in the manufacture and storage of dispersed pigments such as kaolin and montmorillonite clays, titanium dioxide, carbon black, calcium carbonate, calcium sulfide, barium sulfide, and magnesium silicate used in paint and paper production. Add 0.24-1.2 pound (3.6-18 fluid ounce) of product per 1000 pound of fluid to provide 350-2850 ppm product (10-50 ppm active ingredient) in the system. Dosing frequency will depend on mill conditions and the level of microbial fouling. For preparation of non-resident food contact paper and paperboard, this product may be added to the surface sizing solution, water or other solvents and applied to the surface of the paper by means of applicator roll. It may also be added directly to the pulp slurry at the machine chest or headbox. For coated paper or paperboard, this product is incorporated into the coating mix prior to application of the coating to the paper.

- When microbial control is evident, dose weekly or as needed to maintain control. For noticeably fouled systems, apply 47-141 ppm product (0.5-4 ppm active ingredient) per 1000 gallon of water. Repeat until control is achieved. For badly fouled systems, the effluent must be processed through a waste water treatment facility prior to release. NOTE: THE HIGHER USE RATE IS NOT APPROVED IN THE STATE OF CALIFORNIA.

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AIR WASHER SYSTEMS

- Add this product to the air washer sump or chill water sump to insure uniform mixing for control of fungi, bacteria and algae. For noticeably fouled systems, apply 47-141 ppm product (0.5-4 ppm active ingredient) (0.39-1.2 pound or 5.9-18 fluid ounce) per 1000 gallon of water. Repeat until control is achieved. Badly fouled systems should be cleaned before treatment to begin. When microbial control is evident, add 12-47 ppm product (0.05-0.32 pound or 0.8-2.5 fluid ounce) per 1000 gallon of water. Once weekly or as needed to maintain control. NOTE: For use only in industrial air washing systems that maintain effective mist-eliminating components.