ACTIVE INGREDIENTS:
- Hydrogen Peroxide: 6.9%
- Peroxyacetic Acid: 4.4%
- Octanoic Acid: 3.3%

INERT INGREDIENTS: 85.4%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes or on clothing. Harmful if inhaled or swallowed. Avoid breathing vapor or spray mist. Wear protective eyewear (goggles, face shield, or safety glasses) and protective gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent: Corrosive. Do not use in concentrated form. Mix only with water according to label instructions. Never bring concentrate in contact with other sanitizers, cleaners or organic substances.

ENVIRONMENTAL HAZARDS

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 & DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Product should be kept cool and in a vented container to avoid any explosion hazard.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate 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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

EPA Reg. No. 1677-158

EPA Ref. 60156-IL-1(S), 1677-IL-2(J), 1677-TX-1(D), 1677-CA-1(M), 1677-CA-1(S), 1677-MN-1(P), 1677-PR-1(B), 70271-CA-2(A), 1677-OH-1(R), 1677-CA-2(R), 1677-WW-1(V). 

Superscript refers to first letter of date code.

FIRST AID

IF IN EYES: Hold eye 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 eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR 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 advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.

FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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U.S. Patent Nos. 5,200,189; 5,314,687 and 5,718,910
Other Patents Pending
SANITIZING HARD, NON-POROUS SURFACES OF AIRTIGHT, SEALED PACKAGES CONTAINING FOOD OR NON-FOOD PRODUCTS: Vortexx may be used as a final sanitizing rinse for hard, non-porous surfaces of sealed packaging containing food or non-food products at a 0.13% v/v (1 oz per 6 gallons) dilution. All surfaces should be exposed to the sanitizing solution for a period of not less than 1 minute. Drain thoroughly. Do not rinse.

FOAM SANITIZING NON-FOOD CONTACT SURFACES: Vortexx is an effective foam sanitizer of pre-cleaned non-food-contact surfaces, such as booths, floors, walls, drains, and equipment surfaces. For this application, prepare a solution of 0.13% v/v (1 oz per 6 gallons water) Vortexx and 0.13% v/v (1 oz per 6 gallons water) Liquid K. For example, in 6 gallons of water, add 1 ounce of Vortexx and 1 ounce of Liquid K. Apply as a foam using recommended equipment. Wet surfaces thoroughly. At this concentration, the product is effective against Staphylococcus aureus, Enterobacter aerogenes, and Listeria monocytogenes. Surfaces should be blocked to the drying foam for at least 2 minutes. No rinsing is necessary. Contact your Ecolab representative for information on Liquid K foaming agent and a recommended equipment configuration.

DIRECTIONS FOR FOGGING: To sanitize hard surfaces as an adjunct to acceptable manual cleaning and disinfecting of room surfaces: Prior to fogging, food products and packaging materials must be removed from the desired area. Use a quart of a 2% to 1.3% Vortexx solution (3 oz. to 14 oz. per 8 gallons of water) per 1000 cu. ft. of room volume. Vacate the area of all personnel during fogging and until the hydrogen peroxide air concentration is below 0.5 ppm. Allow surfaces to drain thoroughly before operations are resumed. Solutions above 0.5% may be corrosive and are not to be used on all surfaces. Test solutions on surfaces prior to use. All hard non-food contact surfaces treated with the disinfectant and fog must be rinsed thoroughly with a potable water rinse.

SANITIZING NON-FOOD CONTACT EQUIPMENT: Prior to use of this product, remove food residue from surfaces. Wash with a recommended detergent solution, followed by a thorough potable water rinse. Prepare a 5% sterilizing solution of Vortexx. Sanitize equipment. All surfaces should be exposed to the sterilizing solution for a period of not less than 5 minutes. Allow surfaces to drain thoroughly before operations are resumed. Drainage may be followed by a thorough potable water rinse.

CONTINUOUS TREATMENT OF CONVEYORS: Wash, rinse and sanitize conveyor equipment. During processing, apply Vortexx at a concentration of 0.75 to 2.2% (9 to 26 oz. per 10 gallons of water) to surfaces from which food with potable water prior to reuse.

FINAL SANITIZING BOTTLE RINSE: Vortexx may be used as a final sanitizing rinse for returnable and non-returnable bottles (e.g. glass or PET) at a 0.13% dilution (1 oz to 6 gallons). At this dilution, Vortexx is effective against Staphylococcus aureus, Enterobacter aerogenes, and Listeria monocytogenes. Surfaces should be blocked to the drying foam for at least 2 minutes. No rinsing is necessary. Continuous treatment of conveyors is necessary.

CONTINUOUS TREATMENT OF CONVEYORS: Wash, rinse and sanitize conveyor equipment. During processing, apply Vortexx at a concentration of 0.75 to 2.2% (9 to 26 oz. per 10 gallons of water) to surfaces from which food with potable water prior to reuse.

PRECLEAN SANITIZING ROUThreatAnt: Before use, wash and rinse surfaces with potable water. For sanitization against Staphylococcus aureus, Enterobacter aerogenes, Escherichia coli, Salmonella enterica, Salmonella typhimurium, Enterobacter aerogenes, and Listeria monocytogenes. Surfaces should be blocked to the drying foam for at least 2 minutes. No rinsing is necessary. Continuous treatment of conveyors is necessary.

CONCENTRATION OF VORTEXX: Vortexx is effective against Bacillus subtilis (spores), Staphylococcus aureus, and Escherichia coli 0157:H7. Additionally, Vortexx is effective against Trichophyton mentagrophytes (Athletes Foot Fungus) and Candida albicans (pathogenic yeast) in the presence of protein (5% blood serum) and soap scum in 500 ppm hard water with a 10 minute contact time.

STERILIZATION OF MANUFACTURING, FILLING, AND PACKAGING EQUIPMENT IN ASPIC PROCESSING: Prior to its use in the appliance of equipment for aquatic product processing, Vortexx should be applied to the equipment. During interruptions in operations, coarse spray the processing equipment with Vortexx in manufacturing areas. During interruptions in operations, coarse spray the processing equipment with Vortexx. Vortexx is effective against Influenza B, Influenza A (H3N2), Influenza A (H1N1), Influenza A (H1N1) and Reservoir on hard inanimate surfaces when used at 20 deg C with a 10 minute contact time in the presence of 500 ppm hard water and organic soil. Apply as directed under directions.

INFECTIOUS: Vortexx may be used on hard, non-porous inanimate surfaces such as shower room floors, locker room benches, shower stalls and bath mats. At 0.2% (1 oz of air) the product is effective against Trichophyton mentagrophytes (Athletes Foot Fungus) and Candida albicans (pathogenic yeast) in the presence of protein (5% blood serum) and soap scum in 500 ppm hard water with a 10 minute contact time.