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

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.

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.

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 Est. 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 (H), 1677-CA-2 (R), 1677-WV-1 (V).
Superscript refers to first letter of date code.
**Acid Liquid Sanitizer**

See front label for Preliminary Statements, First Aid instructions and Storage & Disposal.

**DIRECTIONS FOR USE**

It is a violation of Federal Food, Drug and Cosmetic Act to use this product in a manner inconsistent with its labeling.

**SANITIZATION**:

Vortexc is recommended for use on pre-cleaned surfaces such as equipment, pipelines, tanks, vats, fillers, evaporators, pasteurizers and other equipment in dairy, wineries, breweries, beverage and food processing plants. This product is effective as a sanitizer when solution is prepared in water of up to 500 ppm hardness as CaCO₃.

**LABEL INFORMATION**:

If more than one use is desired, the solution should be prepared at least daily or more often if the solution becomes diluted or soiled.

**FOOD CONTACT SURFACES**:

Prior to sanitizing, remove gross food particles, then wash with a detergent solution and rinse with potable water. After rinsing, apply Vortexc as directed and allow to remain wet for at least 5 minutes. All surfaces should be exposed to the sterilizing solution for a period of not less than 1 minute. Drain thoroughly. No rinse necessary.

**SANITIZING NON-FOOD CONTACT SURFACES**:

To sanitize hard surfaces as an adjunct to acceptable manual cleaning and disinfecting of surfaces. Prior to using this product, remove gross food particles, then wash with a detergent solution followed by a thorough water rinse. Sanitize with a concentration of 0.13% v/v (1 oz. per 6 gallons water) at a temperature of 25 to 45 deg C and allow to remain wet for at least 5 minutes. 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 PACKAGING EQUIPMENT**:

Prior to use of this product, remove gross food particles from surfaces. Wash with a recommended detergent solution, followed by a thorough water rinse. Sanitize with a concentration of 0.75 to 2.2% (9 to 26 oz. per 4 gallons of water) at a temperature of 40 to 60 deg C for at least 7 seconds. At these conditions, Vortexc is effective against Staphylococcus aureus, Escherichia coli, Salmonella typhi, Pediococcus damnosus, Lactococcus lactis subsp. Lactis, lactococcus lactis subsp. Cremoris, Enterobacter aerogenes, and Listeria monocytogenes. Sanitizing non-food contact packaging equipment, as well as beverage spoilage organisms, Aspergillus niger, Pedococcus damnosus, Lactobacillus macleanii and Saccharomyces cerevisiae, is effective against the Avian Influenza A (H3N2) virus. At 0.2% (1 oz/4 gl) Vortexc is effective against the Avian Influenza A (H3N2) virus.

**COMBINATION DISINFECTION AND CLEANING**:

Vortexc is effective against Staphylococcus aureus and Salmonella enterica at 0.2% - 1.0% (1 oz. per 5 to 4 gallons of water) in hard water (500 ppm as CaCO₃), 5% blood serum and dried soap film residue on hard nonporous surfaces. For heavily soiled areas a preapplication is required. Apply solution with map, cloth, sponge, brush, scrubber, or coarse spray device or by soaking so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove solution and entrapped soil with appropriate equipment. Rinse with potable fresh water and air dry. For high levels of organic material, rinsed surfaces from the solution becomes diluted or soiled. Rinse food contact surfaces that come in contact with food with potable water prior to reuse.

**FUNGICIDAL**:

Vortexc can be used on hard, nonporous inanimate surfaces such as shower room floors, locker room benches, shower stalls and bath mats. At 0.2% (1 oz/4 gl) the product is effective against Trichophyton mentagrophytes (Athletes Foot Fung) and Candida albicans (pathogenic yeast) in the presence of protein (5% blood serum) and soap in 500 ppm hard water with a 10 minute contact time. Apply as directed under disinfection.

**STERILIZATION OF MANUFACTURING, FILLING, AND PACKAGING EQUIPMENT IN ASEPTIC PROCESSES**:

Prior to using this product, remove gross food particles from surfaces. Wash with a recommended detergent solution, followed by a thorough water rinse. Sanitize with a concentration of 0.13% v/v (1 oz. per 6 gallons water) at a temperature of 25 to 45 deg C and allow to remain wet for at least 5 minutes. All surfaces should be exposed to the sterilizing solution for a period of not less than 1 minute. Drain thoroughly. No rinse necessary.

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