Vortexx™

Acid Liquid Sanitizer

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

DANGER: CORROSIVE: Causes irreversible eye damage and skin burns. Do not get in eyes or on clothing. Harmful if inhaled or swallowed. Avoid breathing spray 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.

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 advised 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 must 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 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 Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING AND DISPOSAL: Non-refillable container. Do not reuse or refill container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over and tip it to the other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat procedure two more times. Then offer for recycling or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration.

NET CONTENTS: 50 US GAL (189 L)

Sanitizer
Acid Liquid Sanitizer
KEEP OUT OF REACH OF CHILDREN DANGER
ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, 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 concerning your State Water Board or Regional Office of the EPA.

CRITICAL INSTRUCTIONS FOR USE

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

SANITIZATION: Vortexx is recommended for use on pre-cleaned surfaces such as equipment, pipes, tanks, rails, filters, evaporators, pasteurizers and ampicilin equipment in dairies, farms, breweries, wineries, beverage and food processing plants. This product is effective as a sanitizer when used in water up to 500 ppm hardness as CaCO₃.

NOTE: FOR MECHANICAL OPERATIONS: Prepared use solutions may not be reused for sanitizing but may be reused for other purposes such as cleaning.

FOR MANUAL OPERATIONS: Fresh sanitizing solutions must be prepared at least daily or more often if the solution becomes diluted or soiled.

CLEANING HARD SURFACE PROCESSING EQUIPMENT– RINSE FOR FOOD CONTACT SURFACES: For hard surface cleaning applications, remove gross soil and dirt from surfaces, then thoroughly clean surfaces with a concentration of 1 oz to 2 gal of water (0.51% v/v or 2600 ppm). All treated surfaces must be exposed to the sanitizing solution for a period of not less than 5 minutes. Drain thoroughly and allow to air dry. No rinse necessary.

SANITIZING HARD, NON-POURABLE, NON-EDIBLE OUTSIDE SURFACES (such as equipment, pipes, tanks, etc.): Vortexx may be used as a final sanitizing rinse for hard, non-porous outside surfaces of equipment, vehicles, pins, buildings, etc. When admixed with 1 oz. of water (0.13% v/v concentration) to 1 gal of water (600 ppm), the treated surface is exposed to not less than 1 minute. Drain thoroughly, then rinse. No rinse necessary.

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 gal) up to 0.26% dilution (1 oz to 6 gal). At this dilution, Vortexx is effective against Staphylococcus aureus, Escherichia coli, Bacillus coagulans, Bacillus subtilis, and Clostridium perfringens. Vortexx is recommended for use on surfaces to be handled only by trained personnel. This product may be used last in the final rinse ingredient.

FOAM SANITIZING NON-FOOD CONTACT SURFACES (This use not approved in the state of California): Vortexx is an effective foam cleaner of pre-sanitized non-food contact surfaces such as floors, boots, walls, drains, and equipment. For gluconate-based foamers, follow the chemical manufacturer's instructions for use. For pre-cleaned non-food contact surfaces, a solution of 1 oz to 2 gal of water (Vortexx) and 0.1 oz to 0.2 oz (0.51% v/v or 2600 ppm) liquid Vortexx in water is recommended. Drain thoroughly and allow to air dry.

SANITIZATION, FUMIGANT AND BACTERIOSTATIC STORAGE AND CARRYING MATERIALS: Vortexx is effective against Listeria monocytogenes, Salmonella typhimurium, Staphylococcus aureus, Salmonella enterica subsp. enterica serovar Typhimurium, and Lactobacillus rhamnosus. All treated surfaces must be exposed to the sanitizing solution for a period of not less than 5 minutes.

SANITIZING NON-FOOD CONTACT SURFACES: Pre-clean such surfaces as directed above. Sanitize non-food contact surfaces such as floors, walls, tables, chairs, benches, fountains, and digital pads with 1 oz of water (Vortexx) per gallon of water, or 60 ppm. Drain thoroughly and allow to air dry. No rinse necessary.

SANITIZING-FORMATION-OF-BACTERIOSTATIC-STORED-GOODS: Vortexx is effective against Salmonella enterica subsp. enterica serovar Typhimurium, Salmonella enterica subsp. enterica serovar Enteritidis, Salmonella enterica subsp. enterica serovar Anatum, and Lactobacillus rhamnosus. All treated surfaces must be exposed to the sanitizing solution for a period of not less than 5 minutes. Drain thoroughly and allow to air dry. No rinse necessary.

SANITIZING-FORMATION-OF-BACTERIOSTATIC-STORED-GOODS-TRANSPORT: Vortexx is effective against Salmonella enterica subsp. enterica serovar Typhimurium, Salmonella enterica subsp. enterica serovar Enteritidis, Salmonella enterica subsp. enterica serovar Anatum, and Lactobacillus rhamnosus. All treated surfaces must be exposed to the sanitizing solution for a period of not less than 5 minutes. Drain thoroughly and allow to air dry. No rinse necessary.

ANTICLORMIC RINSE OF PRE-CLEANED OR NEW RETURNABLE OR NON-RETURNABLE CONTAINERS: To reduce the number of beverage spoilage organisms, antifungal bacteriostatic solutions containing Bacillus coagulans and Bacillus subtilis are recommended. Vortexx at a concentration of 0.5% v/v (1 oz to 2 gal of water (0.26% v/v concentration) at a temperature of 60°F to 100°F (16°C to 38°C) is effective against Lactobacillus rhamnosus, Lactobacillus reuteri, and Pediococcus damnosus. After thorough draining, rinse interior container surfaces with a disinfected water rinse free of pathogenic bacteria.

ANTICLORMIC RINSE FOR PRE-CLEANED FOOD-CONTACT SURFACES: Prior to antimicrobial rinsing, remove gross food particles, then wash with a detergent solution, followed by a potable water rinse for at least 1 minute. Drain thoroughly and allow to air dry. No rinse necessary.

Poultry House Disinfection:

FOR MECHANICAL OPERATIONS: Preparing use solutions may not be reused for sanitizing but may be reused for other purposes such as cleaning.

FOR MANUAL OPERATIONS: Fresh sanitizing solutions must be prepared at least daily or more often if the solution becomes diluted or soiled.

Vortexx is effective against the Avian Influenza A virus.

Special Instructions for Inactivating Avian Influenza A.

1. Remove all poultry and feed from premises, trucks, coops, and crates.
2. Remove all litter and manure from floors, walls, and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean and sanitize any equipment used for feeding or watering poultry.
4. Sanitize with the recommended disinfecting solution for a period of 10 minutes.
5. Ventilate buildings, coops, and other closed spaces. Do not house poultry or equip-pment until treatment has been absorbed, set, or dried.
6. Empty all troughs, racks, and other feeding and watering appliances.
7. Thoroughly clean all treated surfaces with soap and detergent and rinse with water.
8. Sanitize with the recommended disinfecting solution for a period of 10 minutes.
9. Inverse all hatters, ropes, and other types of equipment used in handling or restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
10. Ventilate buildings, cars, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.
11. Thoroughly clean all treated feeds, rakes, mowers, automatic feeders, and handlers, and with soap and detergent, and rinse with potable water before reuse.
12. Sanitize with the recommended disinfecting solution for a period of 10 minutes.

NOTE: In this product’s use solutions is compatible with stainless steel and aluminum surfaces. When in doubt, consult your equipment manufacturer or another source, it is recommended that you apply a test small area to determine compatibility before proceeding with use.

For your safety, read and follow instructions carefully. It is illegal to use this product in violation of Federal or State regulations.

For further information, contact Ecolab Inc., 333 Wabasha Street N, St. Paul, MN 55102, or call 1-800-285-3724. Ecolab is a registered trademark. Ecolab Inc. · 370 Wabasha Street N · St. Paul, MN 55102 · 1-800-285-3724 · www.ecolab.com · EPA Reg. No. 1677-158

Vortexx is effective against the Avian Influenza A virus.