



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 15, 2024

Christina Swick  
Agent  
Gray Beard, LLC  
cswick@lewisharrison.com]

Subject: Label and CSF Amendment – To update label and CSFs  
Product Name: GBS C-Acid Sanitizer  
EPA Registration Number: 94602-49  
Received Date: 01/19/2024  
Action Case Number: 00558630

Dear Ms. Swick:

The amended label and CSF(s) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6) you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 01/19/2024
- Alternate CSF #s 1-23 dated 01/19/2024

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2) If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact [Oiguenblik.Emilia@epa.gov](mailto:Oiguenblik.Emilia@epa.gov) or [Samalot.Luisa@epa.gov](mailto:Samalot.Luisa@epa.gov).

Sincerely,

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Carlos Corona | Risk Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510M)  
Office of Pesticide Programs  
U.S. Environmental Protection Agency

Enclosure: Stamped label, Chemistry review



1931G Rohlwing Road • Rolling Meadows, IL 60008 • 800-837-0499

# GBS C-Acid Sanitizer

EPA Reg. No. 94602-  
EPA Est. No

(Note to Reviewer: Marketing claims may be used on the front panel.)

## ACTIVE INGREDIENTS:

Alkyl (50%C14, 40%C12, 10%C16) Dimethyl	
Benzyl Ammonium Chloride .....	4.10%
Octyl Decyl Dimethyl Ammonium Chloride .....	3.08%
Didecyl Dimethyl Ammonium Chloride .....	1.54%
Dioctyl Dimethyl Ammonium Chloride .....	1.54%
OTHER INGREDIENTS:.....	89.74%
TOTAL:.....	100.00%

{Weight Approx. 9.15 lbs./gallon}

**ACCEPTED**

Aug 08, 2024

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 94602-49

**KEEP OUT OF REACH OF CHILDREN**

**DANGER {PELIGRO}**

{See [{left} {back} {side} {right} {insert} {panel} {of label}]  
{below}] for {additional} {precautionary statements}}.

(Note to Reviewer: This statement is optional except when used on labels with agricultural uses.)

SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DETALLE. (IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.)

(Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.)

## FIRST AID

In case of emergency, call a poison control center or doctor for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**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. 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 SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor immediately 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 treatment advice.

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

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday – Friday, 8:00 am – 12:00 pm Pacific Time; email: npic@ace.orst.edu; or visit the web site: www.npic.orst.edu. For emergencies, call [{the poison control center 1-800-222-1222} {insert number of emergency contact} {hours of operation} {24 hours a day} {7 days a week}].

(Note to Reviewer: This referral statement may be organized in any order to be grammatically correct.)

{{Consult} {See {additional} {sheet} {insert} {inside} {outer container} {Product Information} {Bulletin} for {other} {directions for use} {and} {information} {claims} {organisms} {applications}}.

Manufactured for: Gray Beard LLC  
1931G Rohlwing Road  
Rolling Meadows, IL 60008

Net Contents:

{{Batch} {Lot} No} {Manufacturing Date}:  
{Product of USA} {Made in the USA}

## {MIRCO-ORGANISMS} {Organism List}

This product has been tested and found to be efficacious against the following micro-organisms on hard, non-porous surfaces:

FOOD CONTACT SANITIZATION		
<b>This product is an effective food contact sanitizer in 1 minute at 1 fl. oz. per 4 gal. of 500 ppm hard water {(200 ppm active quat)} on hard, non-porous surfaces against:</b>		
<i>Campylobacter jejuni</i>	{ATCC 29428}	60 Seconds
<i>Enterobacter (Cronobacter) sakazakii</i>	{ATCC 29544}	60 Seconds
<i>Escherichia coli</i>	{ATCC 11229}	60 Seconds
<i>Escherichia coli</i> O157:H7	{ATCC 35150}	60 Seconds
<i>Klebsiella pneumoniae</i>	{ATCC 13883}	60 Seconds
<i>Listeria monocytogenes</i>	{ATCC 19117}	60 Seconds
<i>Pseudomonas aeruginosa</i>	{ATCC 15442}	60 Seconds
<i>Salmonella enterica</i>	{ATCC 13311}	60 Seconds
<i>Salmonella enterica</i> subspecies <i>enterica</i> sevarar <i>Paratyphi</i>	{ATCC 8759}	60 Seconds
<i>Salmonella enteritidis</i>	{ATCC 4931}	60 Seconds
<i>Shigella sonnei</i>	{ATCC 25931}	60 Seconds
<i>Staphylococcus aureus</i>	{ATCC 6538}	60 Seconds
<i>Staphylococcus aureus</i> (Methicillin resistant) (MRSA)	{ATCC 33592}	60 Seconds
<i>Vibrio cholera</i>	{ATCC 14035}	60 Seconds
<i>Yersinia enterocolitica</i>	{ATCC 23715}	60 Seconds

**(Note to Reviewer:** The list of organisms can be formatted into paragraph form using a comma to separate organisms.)

**(Note to Reviewer:** Throughout the label, the term “X” or “Y” are place holders for numerical digits. Punctuation and plural/singular word forms may be adjusted to allow for grammatical correctness. Appropriate metric or imperial unit conversion may be added as optional supplemental information.)

## MARKETING CLAIMS

**(Note to Reviewer:** Marketing text is considered optional. Commas and the words “and” “or” can be added to phrases to make text grammatically correct.)

### GENERAL

- FOOD CONTACT SURFACE SANITIZER
- {{MULTI-PURPOSE} {NO-RINSE} {ACID}} CLEANER
- DEODORIZER
- ODOR NEUTRALIZER

[[Milkstone] {Beerstone}] and scale can build up on pipelines, storage tanks, tank trucks, silos and processing equipment in the dairy industry. Use of this product will remove milkstone and scale from dairy and cheese making equipment and help maintain the efficiency of the operation as well as eliminate {up to} 99.999% of bacterial growth when used according to directions for food contact sanitization.

{Use This Product:} {This Product:}

- as a food contact surface sanitizer at a concentration of 200 — 400 ppm active.
- as a sanitizer in bottling, pre-mix and beverage dispensing equipment.
- as a sanitizer in sanitary filling of bottles and cans.
- as a sanitizer in beer fermentation and holding tanks.
- in sanitizing bottles or cans in the final rinse application and for external spraying of filling and closing machines.
- in dairies, breweries, beverage and food processing plants.
- in food processing plants, [federally] [USDA] inspected food processing facilities, dairy farms, egg processing plants, meat and poultry processing plants, meat and poultry producing establishments.
- in federally inspected Meat & Poultry Plants as a food contact sanitizer
- as a sanitizer on dishes, glassware, and utensils.
- in federally inspected meat and poultry facilities {as a sanitizer for all surfaces not always requiring a rinse}.
- For Commercial Use

### **{CLEANING AND DEODORIZATION MARKETING CLAIMS}** (Not for use in CA)

**(Note to Reviewer:** The following may be used with the prefix “This product”.)

- Cleans {and shines} {without bleaching} {by {removing} {dirt} {grime} {and food soils in food preparation and processing areas}} {everyday kitchen messes} {non-food contact kitchen surfaces and food preparation areas} {like dirt, grease and food stains}.
- Cleans rodent soiled areas.
- Deodorizes moist hard, non-porous surfaces by killing microorganisms that cause offensive odors.
- Is a versatile cleaner and scale remover formulated for use on bath and therapy equipment {whirlpools}.
- Is for use in work areas such as tool rooms and garages for odor control and light duty cleaning.
- [{Maximizes} {improves}] labor results by effectively controlling odors.
- Provides long lasting freshness against tough {pet} odors such as odors from litter boxes and pet accidents.
- Removes dirt.
- Removes [[Milkstone] {Beerstone}]
- Removes stains.
- Use of this product will control unpleasant [{malodors} {odors}].
- Cleans, and deodorizes on hard, non-porous surfaces.
- Cleans, and eliminates odors leaving hard, non-porous surfaces smelling clean and fresh.
- Is a multi-surface cleaner, deodorizer.
- Is a formulation designed to provide effective cleaning and deodorizing in areas where housekeeping is of prime importance in reducing cross-contamination on treated hard, non-porous surfaces.

### **{SANITIZATION CLAIMS}**

This Product not only sanitizes but also removes lime and scale in breweries and bottle washing.

Use as a sanitizer on conveyor belts and equipment to reduce or eliminate odors in the processing area.

Use on filling equipment to reduce bacteria associated with condensation on equipment and pipes.

- is an economical concentrate
- will not leave grit or soap scum.
- deodorizes by killing microorganisms that cause offensive odors.

- tested according to AOAC Germicidal & Detergent Sanitizing Action of Disinfectants method.
- tested according to the AOAC Germicidal & Detergent standards for sanitizing previously cleaned hard, non-porous food-contact surfaces.
- is for use on food Processing Equipment and Utensils {in Dairies and Public Eating Establishments} {and} {Food Contact Surfaces, Food Processing Equipment and Utensils} {in Food Processing Plants} {and} {other food-contact articles} {at a concentration of 200 ppm active} {at a concentration of 400 ppm active} {at a concentration of 200 – 400 ppm active}.
- is a sanitizer, deodorizer for use in all federally inspected meat and poultry plants, institutional and industrial facilities.
- can be used on food contact surfaces in a concentration {range} of {0.25 oz. per gallon {200 ppm active}} {0.5 oz. per gallon {400 ppm active} {0.25 – 0.5 oz. per gallon {200 – 400 ppm active}}}.
- For use in {insert name of automated dilution system here} {automated} {dilution system}.
- makes (XXX) gallons at (YYY) use dilution
- is a No Rinse sanitizer formula.
- [{Kills} {Eliminates {up to} 99.999% of} {Removes} {Destroys}] (*Insert pathogen or pathogens from list*) on {precleaned} environmental surfaces
- [{Kills} {Eliminates} {Removes} {Destroys}] 99.999% Bacteria {on pre-cleaned environmental surfaces}
- [{Kills} {Eliminates {up to}} {Removes} {Destroys}] 99.999% of Foodservice Bacteria *Escherichia coli* {E. coli}, *Salmonella enterica* {Salmonella}, and *Listeria monocytogenes* {Listeria}
- Has been designed specifically for food plants, food service establishments and other institutions where housekeeping is of prime importance.
- Is a proven cleaner and sanitizer.
- Is for use as a sanitizer on dishes, glassware and utensils, public eating places, dairy processing equipment, and food processing equipment {at 200-400 ppm active}.
- Kills (*insert name from approved organism listing for this product*).
- Kills {99.999% of} (*insert any organism listed*) {on hard, non-porous surfaces}.

Regular, effective cleaning and sanitizing of equipment, utensils, and work surfaces which could harbor food poisoning microorganisms minimizes the probability of contaminating food during preparation or storage.

Effective cleaning will remove soil and prevent the accumulation of food residues, which may decompose or support the rapid development of food poisoning organisms or toxins. Application of effective sanitizing procedures reduces the number of those food poisoning organisms which may be present on equipment and utensils after cleaning, and reduces the potential for the transfer, either directly through tableware such as glasses, cups and flatware or indirectly through food.

To reduce cross-contamination of treated hard, non-porous surfaces, kitchenware and food-contact surfaces of equipment must be washed, rinsed with potable water and sanitized after each use and following any interruption of operation during which time contamination may have occurred.

Where equipment and utensils are used for the preparation of foods on a continuous or production-line basis, utensils and the food-contact surfaces of equipment must be washed, rinsed with potable water and sanitized at intervals throughout the day on a schedule based on food temperature, type of food, and amount of food particle accumulation.

Articles that can be immersed in solution must remain in solution for 60 seconds.

Articles or surfaces too large for immersing must be thoroughly wetted or flooded by rinsing, spraying or swabbing.

Allow all sanitized surfaces to drain thoroughly [and air dry].

Cross-contamination is of major {housekeeping} {food safety} concern. This product has been formulated to aid in the reduction of cross-contamination on treated hard, non-porous surfaces in schools, institutions, and industry.

Articles that can be immersed in solution must remain in solution for 60 seconds. Articles or surfaces too large for immersing must be thoroughly wetted or flooded by rinsing, spraying or swabbing. Allow all sanitized surfaces to drain and air dry.

## {PACKAGING CLAIMS}

- Concentrate{d}.
- Convenient Trigger Spray. (**Note to Reviewer:** *To be used on applicable container*)
- Easy to Use [{when} {while}] cleaning.
- Economy size. (**Note to Reviewer:** *To be used on applicable container*)
- Fewer products – no need for separate deodorizer.
- For use in [{automated dilution systems} {automated} {dilution systems}] (*Dilution System trade name*)).
- Makes (*insert value*) [{Gallons} {Quarts} {Containers}]
- This [{container} {bottle}] is made of {at least} (x) % post-consumer recycled plastic.

## **{AREAS OF USE} {Use This Product in:}**

*(Note to reviewer: the following is considered optional marketing language.)*

*(Note to reviewer: Each entry below also represents a graphic depicting the corresponding area of use. The graphics will only represent individual objects or outsides or insides of buildings as described below. No people, animal, or food will be depicted in graphics.)*

### **{Food Processing and Service Related}**

[[Meat] {Poultry} {Fish}] processing plants

Bagel Stores

Bars

Beverage Plant

Bottle washing premises

Bottling or pre-mix dispensing equipment

Breweries

Cafeterias

Cheese factories

Citrus processing equipment and holding tanks

Coffee shops

Dairies

Dairy farms

Dairy product dispensing equipment.

Donut shops

Drinking fountains

Egg processing plants

Farms

Fast food operations

Federally inspected meat and poultry plants

Fish processing plants

Fisheries

Food handling and process areas of restaurants and bars

Food handling and processing areas

Food Preparation Areas

Food processing plants

Food storage areas

Food, meat, poultry, egg and seafood processing plants

Ice cream processing plants

Institutional facilities

Institutional kitchens

Kitchens

Meat packing plants

Meat processing plants

Meat packing facilities

Milk pails, inflations and tubing

Milk processing plants

Milk storage and handling systems

Milk tanks [bulk]

Mushroom Farms

Poultry and animal dressing plants

Poultry farms

Poultry processing plants

Poultry producing facilities

Processing Plants [Milk, Citrus, Ice Cream]

Restaurants

Taverns

Turkey farms

USDA inspected food processing facilities

Wineries

## **{TYPES OF SURFACES:}**

Use this product on washable hard, nonporous surfaces of:

*(Note to reviewer: Each entry below also represents a graphic depicting the corresponding type of surface. No people, animal, or food will be depicted in graphics. Only exteriors of microwaves and refrigerators will be depicted. Toy graphics will be submitted to Agency for review.)*

### **{SURFACES}**

Aluminum\*

Brass\*

Chrome\*

Copper\*

Enameled surfaces

Formica®

Glass

Glass surfaces

Glazed {restroom} ceramic

Glazed {restroom} tile

Glazed porcelain

Laminated surfaces

Metal\*

Painted {finished} woodwork

Plastic {such as polycarbonate, polyvinylchloride, polystyrene or polypropylene}

Plated steel

Plexiglas®

Sealed fiberglass

Sealed granite

Sealed limestone

Sealed marble

Sealed slate

Sealed stone

Sealed terra cotta

Sealed terrazzo

Stainless steel\*

Vinyl and plastic upholstery

Washable wallpaper

### **{Food Processing and Service Related}**

Appliances

Beer fermentation and holding tanks

Beverage dispensing equipment

Blenders

Bottling or pre-mix dispensing equipment

Bulk milk tanks

Citrus processing equipment and holding tanks

Coffee Pots

Coffee Urns

Coils and drain pans of air conditioning

Cooking utensils

Coolers

Counters

Countertop laminates

Countertops

Cutlery

Dairy product dispensing equipment

Dishes, {glassware}{glasses}

Drinking fountains

Eating utensils



Exhaust fans  
 Food {preparation} {and} {storage} areas  
 Food dispensing equipment  
 Food processors  
 Frozen Drink {Beverage} Machines †  
 Glasses  
 Glassware  
 Harvesting & handling equipment  
 Hot water dispensers †  
 Ice chests †  
 Ice cream dispensing equipment {Soft Serve} †  
 Ice machines †  
 Interior hard, non-porous surfaces of water softeners  
 Kitchen equipment  
 Kitchen sinks  
 Microwave ovens †  
 Milk pails, inflations and tubing  
 Milk storage and handling systems  
 Plastic and other hard, non-porous chopping blocks  
 Plastic and other non-porous cutting boards  
 Plastic Food Storage Containers

Pressure tanks  
 Refrigerated storage and display equipment †  
 Refrigeration equipment and heat pumps †  
 Refrigerator bins used for meat, vegetables, fruit and eggs  
 Refrigerators †  
 Refrigerators, exteriors {exterior surfaces of}  
 Reverse osmosis units  
 Silverware  
 Sinks  
 Slurpee® machines †  
 Stoves {stovetops} †  
 Stovetops  
 Tea dispensers  
 Utensils  
 Water coolers  
 Water dispenser {hot} †  
 Water holding tanks and pressure tanks  
 Water softeners  
 Wine processing equipment and holding tanks  
 Water coolers †  
 Water holding tanks

† allow surfaces to reach room temperature prior to application

**(Note to Reviewer (General Considerations):** Numbered instructions will be used if label space permits, otherwise they may appear in paragraph format. The list of organisms can be formatted into paragraph form using a comma to separate organisms. Unit abbreviations can be spelled out. Note symbols such as asterisks (\*) may be replaced with equivalent symbols based on printing needs. When choosing optional text, appropriate punctuation can be inserted or deleted. Equivalent use dilution ratios may be substituted within the directions.)

## DIRECTIONS FOR USE

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

{Please read entire label and use strictly in accordance with precautionary statements and directions.}

**(Note to Reviewer:** Appropriate dilution rates may be substituted as long as they are equivalent dilution rates).

\*This product is not for use on medical device surfaces.

## **{FOOD CONTACT SURFACE SANITIZING}**

This Product is an acid cleaner sanitizer for use on food processing and dairy equipment in water up to 500 ppm hardness [as CaCO<sub>3</sub>]. For all equipment a preliminary cleaning is required before sanitizing.

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

### **Dilution Chart**

Active Quat solution	2 gallons of water	4 gallons of water	10 gallons of water	20 gallons of water
200 ppm	0.50 oz.	1.0 oz.	2.5 oz.	5.00 oz.
300 ppm	0.75 oz.	1.5 oz.	3.8 oz.	7.50 oz.
400 ppm	1.0 oz.	2.0 oz.	5.0 oz.	10.0 oz.

(or)

### **{Dilution List}**

1 oz. of this product per 4 gal. of water {(0.25 oz. per gal. of water)} {(200 ppm active quat)} {(or equivalent use dilution)}

(or)

1.5 oz. of this product per 4 gal. of water {(0.38 oz. per gal. of water)} {(300 ppm active quat)} {(or equivalent use dilution)}

(or)

2 oz. of this product per 4 gal. of water {(0.5 oz. per gal. of water)} {(400 ppm active quat)} {(or equivalent use dilution)}

(or)

1-2 oz. of this product per 4 gal. of water {(0.25-0.5 oz. per gal. of water)} {(200-400 ppm active quat)} {(or equivalent use dilution)}



**DIRECTIONS FOR SANITIZING FOOD PROCESSING EQUIPMENT, UTENSILS, AND FOOD CONTACT ARTICLES REGULATED BY 40 CFR 180.940 (b):**

{and / or}

**TO SANITIZE FOOD CONTACT SURFACES:**

{and / or}

**TO SANITIZE BULK MILK TANKS:**

{and / or}

**TO SANITIZE STORAGE TANKS:**

{and / or}

**TO SANITIZE HARD, NONPOROUS SURFACES AND EQUIPMENT IN FOOD, DAIRY, BEVERAGE, MEAT, POULTRY, EGG, AND SEAFOOD PROCESSING PLANTS:**

Remove visible soil by preflush or prescrape or, when necessary, by presoak. Then wash surfaces with a compatible detergent and rinse with potable water prior to sanitizing. Apply a use-solution of *(insert appropriate dilution from dilution chart)* to precleaned hard surfaces, thoroughly wetting surfaces with a cloth, sponge, coarse sprayer or by immersion. Treated surfaces must remain visibly wet for at least {{60 seconds} {one minute}} followed by adequate draining {and air drying}. Do not rinse.

Prepare a fresh solution daily or more often if solution becomes visibly diluted, clouded or soiled.

For mechanical application, use-solution may not be reused for sanitizing applications but may be reused for cleaning.

**TO SANITIZE DAIRY PRODUCT DISPENSING EQUIPMENT:**

{and / or}

**TO SANITIZE BEVERAGE DISPENSING EQUIPMENT:**

1. Remove gross filth and soil by preflush or prescrape or, when necessary, by presoak.
2. Wash equipment with a compatible detergent and rinse with potable water prior to sanitizing.
3. Fill equipment with a solution of *(insert appropriate dilution from dilution chart)*. Allow solution to remain in equipment for at least 60 seconds.
4. Drain thoroughly before reuse {and allow to air dry} Do not rinse.

For removable parts, immerse in use-solution for at least 60 seconds. {Allow to air dry.} Do not rinse.

For items too large to sanitize by immersion, apply use-solution by rinsing, spraying or swabbing until thoroughly wet for at least 60 seconds. Drain thoroughly before reuse. {Allow to air dry.} Do not rinse.

**TO SANITIZE SANITARY FILLING EQUIPMENT:**

Use to sanitize bottles or cans in the final rinse application. Wash surfaces with a compatible detergent and rinse with potable water prior to sanitizing. Prepare a use-solution of *(insert appropriate dilution from dilution chart)* for final washer and rinser applications. Allow surfaces to remain visibly wet for at least 60 seconds. Drain thoroughly before reuse {and allow to air dry.} Do not rinse.

**BEVERAGE DISPENSING {AND SANITARY FILLING EQUIPMENT} SANITIZER DIRECTIONS:** For sanitizing hard, non-porous bottling or pre-mix dispensing equipment and bottles or cans in the final rinse application. This product is [{to be proportioned into the final rinse water line of the container washer or rinser} {for the exterior application for the filler and closing machine}]. Fill equipment with a solution of *(Insert appropriate food contact dilution from dilution list)* {(or equivalent use dilution)}. Surfaces must remain visibly wet for at least 1 minute or until operations resume at which time the sanitizing solution must be drained from the system. Allow sanitized surfaces to adequately drain {and then air dry} before contact with liquid. Do not rinse.

**U.S. PUBLIC HEALTH SERVICE FOOD SERVICE SANITIZATION RECOMMENDATIONS CLEANING AND SANITIZING:** Equipment and utensils shall be thoroughly pre-flushed or pre-scraped and when necessary, pre-soaked to remove gross food particles and soil.

1. Thoroughly wash equipment and utensils in hot detergent solution.
2. Rinse utensils and equipment thoroughly with clean water.
3. Sanitize equipment and utensils by immersion in a use solution of *(insert appropriate dilution from dilution chart)* for at least 60 seconds at a temperature of 75°F.
4. For equipment and utensils too large to sanitize by immersion, apply a use-solution of *(insert appropriate dilution from dilution chart)* by rinsing, spraying or swabbing until thoroughly wet.
5. Allow sanitized surface to drain {and air dry}. Do not rinse.
6. Prepare a fresh solution daily or when visibly dirty.

**{WISCONSIN STATE DIVISION OF HEALTH} DIRECTIONS FOR EATING ESTABLISHMENTS**

1. Scrape and pre-wash hard, non-porous utensils and glasses whenever possible.
2. Wash with a good detergent or compatible cleaner.
3. Rinse with potable water.
4. Sanitize in a solution of *(Insert appropriate food contact dilution of 200 ppm active or higher from dilution list)* {(or equivalent use dilution)}. Immerse all utensils for at least 1 minute or for contact time specified by governing sanitary code.
5. Place sanitized utensils on a rack or drain board to air-dry.
6. Prepare a fresh solution daily or when visibly dirty.

**Note:** A clean potable water rinse following sanitization is not permitted under Section HFS 196, Appendix 7-204.11 of the Wisconsin Administrative Code (reference 40 CFR 180.940 (a)).

**CLOSED LOOP {CIRCULATION} SANITIZING {– FOOD PROCESSING EQUIPMENT FLOW/PRESSURE METHOD}:**

1. Disassemble equipment and thoroughly clean after use.
2. Assemble equipment into operational position prior to sanitizing.
3. Prepare a sanitizing solution equal to 110% of the volume capacity of the equipment by diluting (*Insert appropriate food contact dilution from dilution list*) {(or equivalent use dilution)} {(200 – 400 ppm active)}.
4. Pump the solution through the system until full flow is obtained at all extremities and the system is completely filled with sanitizer and all air is removed. Surfaces must remain visibly wet for at least 1 minute.

**CLEAN-IN-PLACE (CIP) METHOD {FOR} {DAIRY}, {DAIRY FARM} AND {FOOD PROCESSING FACILITIES}:**

1. Thoroughly flush, clean and potable water rinse the system.
2. Prepare required volume of sanitizer solution needed by diluting (*Insert appropriate food contact dilution from dilution list*) {(or equivalent use dilution)} {(200 – 400 ppm active)}.
3. To sanitize entire system by circulation methods, run pumps for at least 2 minutes to thoroughly wet and sanitize all parts of the system.

**SANITIZING OF {REFRIGERATED} FOOD PROCESSING EQUIPMENT AND OTHER HARD, NON-POROUS SURFACES IN FOOD CONTACT LOCATIONS:** For sanitizing {{food processing equipment,} {dairy equipment,} {refrigerated storage and display equipment} {and} {other}} hard, non-porous food contact surfaces, surfaces must be thoroughly pre-flushed or pre-scraped and, when necessary, presoaked to remove gross food particles.

1. Turn off refrigeration. Allow surfaces to come to room temperature. (**Note:** *Use this direction only if applicable.*)
2. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing. (**Note:** *Use this direction only if applicable.*)
3. Apply a solution of (*Insert appropriate food contact dilution from dilution list*) {(or equivalent use dilution)} by {coarse trigger spray device,} direct pouring or by circulating through the system. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Surfaces must remain visibly wet for at least 1 minute.
4. [{Drain thoroughly before reuse} {Allow sanitized surfaces to adequately drain}] before contact with food/liquid. Do not rinse. Return machine to service.
5. Prepare a fresh solution daily or when visibly dirty.

**ICE MACHINES** – Sanitization must occur after initial installation, after the machine is serviced and periodically during its use.

1. Shut off incoming water line to machine and turn off refrigeration. Allow surfaces to come to room temperature.
2. Wash with a compatible detergent and rinse with potable water before sanitizing. (**Note:** *Use this direction only if applicable.*)
3. Apply a solution of (*Insert appropriate food contact dilution from dilution list*) {(or equivalent use dilution)} by mechanical spray, direct pouring, or by circulating through the system.
4. Allow surfaces to remain visibly wet or solution to remain in equipment for at least 1 minute. Drain thoroughly before reuse and allow adequately drain {and then air dry} before contact with liquid.
5. Return machine to normal operation.

**{{WATER COOLERS}, {WATER HOLDING TANKS} {AND} {PRESSURE TANKS}}** – Sanitization must occur after initial installation, after the system is serviced and periodically during its use.

1. Shut off incoming water line. Allow surfaces to come to room temperature.
2. [{Units} {Tanks}] must be washed with a compatible detergent and rinsed with potable water before sanitizing. (**Note:** *Use this direction only if applicable.*)
3. Prepare a solution of (*Insert appropriate food contact dilution from dilution list*) {(or equivalent use dilution)}. Apply and/or circulate solution to wet all hard, non-porous surfaces for a minimum contact of 1 minute.
4. Allow sanitized surfaces to adequately drain {and then air dry} before contact with liquid. Do not rinse.
5. Return to service by opening incoming water lines.

**SANITIZATION OF INTERIOR HARD, NON-POROUS SURFACES OF WATER SOFTENERS AND REVERSE OSMOSIS (RO) UNITS**

**Water Softeners** – Sanitization must occur after initial installation, after the system is serviced and periodically during its use.

1. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing. (**Note:** *Use this direction only if applicable.*)
2. Backwash the softener and add a solution of (*Insert appropriate food contact dilution from dilution list*) {(or equivalent use dilution)} to the brine tank well. {The brine tank must have water in it to permit the solution to be carried into the softener.} (**Note:** Standard system capacity is 48 gal.)
3. Proceed with the normal regeneration or interrupt the cycle after the brining step and let the softener soak for a minimum of 1 minute.
4. Backwash the softener with potable water to make sure all sanitizing solution is thoroughly rinsed from the unit before returning the system to service. Return system to service. Follow the manufacturer's directions for re-installation of new pre-filters, membrane element and post filter.

**REVERSE OSMOSIS (RO) UNITS** – Sanitization must occur after initial installation, after the system is serviced and periodically during its use.

1. Turn off RO system, drain storage tank and remove membrane element and pre-filters. Put membrane element in a plastic bag so it remains wet. Do not use this product to sanitize the membrane element. Membrane element must be sterilized separately.
2. Tank must be washed with a compatible detergent and rinsed with potable water before sanitizing. (**Note:** Use this direction only if applicable.)
3. Fill empty pre-filter housing with a solution of *(Insert appropriate food contact dilution from dilution list)* {(or equivalent use dilution)} and turn on raw water. (**Note:** Standard system capacity is 1 to 2 gal.)
4. After holding tank is full, let system stand idle for a minimum of 1 minute. Turn off water. Drain holding tank.
5. Before the system is put back into service, flush system with potable water to assure sanitizing solution is rinsed thoroughly from the system. Return unit(s) to normal operation. Follow the manufacturer's directions for re-installation of new pre-filters, membrane element and post filter.

**{BEER FERMENTATION AND} {MILK} {WINE} STORAGE TANK SANITIZER DIRECTIONS:** For sanitizing hard, non-porous beer fermentation and holding tanks, wine, citrus, milk and food processing storage and holding tanks. Allow surfaces to come to room temperature. Wash with a compatible detergent and rinse with potable water before sanitizing. Prepare a solution of *(Insert appropriate food contact dilution from dilution list)* {(or equivalent use dilution)} for mechanical or automated systems. {Follow manufacturers' directions for use for application equipment.} Surfaces must remain wet for at least 1 minute. Allow sanitized surfaces to adequately drain before contact with [{food} {liquid}]. Do not rinse. For mechanical or automated systems, the used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning.

**TO SANITIZE {SOFT SERVE} {FOOD} {AND} {FROZEN} {BEVERAGE} DISPENSING EQUIPMENT:**

1. Allow surfaces to come to room temperature. And wash equipment with a compatible detergent and rinse with potable water prior to sanitizing.
2. Fill equipment with a solution of *(insert appropriate food contact dilution from list)* {or equivalent dilution}.
3. Allow solution to remain in equipment for at least 60 seconds.
4. Drain thoroughly {and allow to air dry} before reuse. Do not rinse.

**FOR CONTINUOUS TREATMENT OF CONVEYORS:**

Remove visible particles and excess soil by a pre-flush or pre-scrape. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water, then rinse equipment with a sanitizing solution. During processing, apply this product at *(insert appropriate food contact dilution from list)* {or equivalent dilution} to conveyors with suitable feeding equipment. Controlled volumes of sanitizer are applied to return portion of conveyor through nozzles so located as to permit maximum drainage of sanitizer from equipment and to prevent puddles on top of belt. During interruptions in operation, apply solution using coarse spray equipment to peelers, collators, slicers and saws, and other non-porous conveyor equipment. Allow surfaces to remain visibly wet for at least 1 minute. Conveyors and other equipment must be free of product when applying this coarse spray. Use 200 ppm to 400 ppm quat level in Wisconsin dairy processing facilities.

**TO SANITIZE SANITARY FILLING EQUIPMENT:** Wash equipment with a compatible detergent and rinse with potable water prior to sanitizing. Prepare a use solution of *(insert appropriate food contact dilution from list)* {(or equivalent use dilution)} for final washer and rinser applications. Allow surfaces to remain visibly wet for at least 60 seconds. Drain thoroughly {and allow to air dry} before reuse. Do not rinse.

**FOR CONTROL OF DROSOPHILA SPP. AND PHORIDAE FAMILY OF FLIES ON NON-FOOD CONTACT SURFACES:** To control flies on hard, non-porous, non-food contact surfaces such as floors, walls, countertops, metal surfaces, painted surfaces, glazed porcelain, glazed tile, glass, chrome, rubber, and plastic in restaurants, bars, kitchens, dishwashing areas, bar and wait station areas, and other food storage areas. After removing gross filth, apply a solution of {{1 oz.} {one 1 oz. packet}} of this product per gal. of water {(or equivalent use dilution)} to surfaces and locations where flies breed. Spray surfaces thoroughly or apply by pouring, mopping, or sponging onto the surface. Allow surface to remain wet for 10 minutes. Repeat application 1 – 2 times per week or as needed. Do not contaminate food and food packaging.

**FOR CONTROL OF SMALL FLIES IN DRAINS:** For control of small flies: Drosophila spp. and the Phoridae family. Spray or pour solution of {{1 oz.} {one 1 oz. packet}} of this product per gal. of water {(or equivalent use dilution)} into the drain during time of lowest level of drain use. Add 14 oz. of use solution daily to each drain to maintain fly control. Apply product around the edge of the and thoroughly coat inside of drain. Repeat application 1 - 2 times per week or as needed. Do not contaminate food and food packaging.

**{DEODORIZER AND CLEANING}**

**GENERAL DEODORIZATION:** To deodorize, apply –1 – 2 fl. oz. of this product per 1 gal. of water {(or equivalent use dilution)} to hard, non-porous surfaces. {{Rinse} {Wipe up excess liquid {with a paper towel}} {and} {or} {Allow to air dry}}.

**FOR USE AS A {GENERAL} CLEANER {AND/OR DEODORIZER}:** Apply use solution of –1 – 2 fl. oz. of this product per gal. of water to hard, non-porous surfaces. {{Rinse} {Wipe up excess liquid {with a paper towel}} {and} {or} {Allow to air dry}}. For heavy-duty use, {{add} {mix} {apply}} 2 oz. of this product per 4 gal. to clean hard, non-porous surfaces.

**GLASS CLEANING/DEODORIZING DIRECTIONS:** Use a solution of –1 – 2 fl. oz. of this product per gal. of water to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. For spray applications, spray 6 - 8 inches from surface. Do not breathe spray. Rub with sponge or cloth. Change cloth, sponge, or towels frequently to avoid re-deposition of soil.

**DRAIN CLEANING:** For cleaning drains, dilute 3 oz. of this product per one gal. of water. Pour solution down drain being sure to coat all sides of drainpipe. Allow all treated surfaces exposed to solution to air dry.

## **{DELIVERY SYSTEMS}**

### **{AUTOMATED DILUTION SYSTEM} {(DILUTION SYSTEMS TRADE NAME)} {CLOSED LOOP DISPENSING} {BAG-IN-BOX} INSTRUCTIONS:**

Remove [{cap} {spray nozzle}] from empty container. Fill empty container with a freshly prepared use solution. Replace [{cap} {spray nozzle}]. Place correct use-dilution label on newly filled container.

(or)

{Remove cap and} Insert [{cartridge} {container}] into dispenser. {See dispenser instructions for proper placement of [{cartridge} {container}].} [{Press button} {or} {turn knob}] to dispense *(Insert appropriate dilution from dilution list)* of this product into a [{bucket}, {bottle}, {scrubber} or {other} {container}].

(or)

Turn off water to connect [{unit} {cartridge}]. Attach water source. Rotate control knob to fill a [{bottle} {or} {bucket} {other container}]. Squeeze handle to dispense *(Insert appropriate dilution from dilution list)*. {See device instruction manual for more information.}

(or)

Attach sprayer unit to hose. Secure tightly, check that the sprayer is in the off position. Turn on water. Turn sprayer to on position to dispense *(insert appropriate dilution from dilution list)*. Spray evenly over surface. When finished turn sprayer to off position and then turn water off. Separate mixing of the concentrate or other application equipment is not required. First ensure the hose faucet is turned off.

(or)

Ensure water source is off. Attach water hose to [{dispensing unit} {sprayer unit}] and attach to container. {See dispenser instructions for proper assembly}. Secure all connections. Ensure that the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] is in the [{off} {closed}] position. Turn on the water. Turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{on} {open}] position to [{dispense solution into a {bucket}, {bottle}, or {other} {container}} {spray onto surfaces}]. When finished, turn the [{lever} {knob} {dial}] on the [{dispenser} {sprayer}] to the [{off} {closed}] position and turn the water off.

(or)

{Twist a *(insert package name)* Cap onto *(insert product name)* spout.} Fit ¼" tubing to the automatic dilution system and attach to *(insert package name)* Cap. {Insert an in-line check valve in the run of the tubing between the automatic dilution system and the *(insert package name)* Cap.} Push tubing over the barbs of the *(insert packing name)* Cap. Secure tubing connections with plastic zip ties. [{Place} {Hang}] *(insert package name)* [{upside down} {on its side}]. See automatic dilution system instructions for detailed directions.

(or)

This package is designed to be used with dilution control systems only. Open package and connect to [{hose} {system}] to dispense according to directions on the box.

**DILUTABLE BAGS OR POUCHES:** [{Remove} {Unscrew}] [{cap} {spout} {sprayer}] from [{bag} {pouch}]. Fill [{bag} {pouch}] with *(insert quantity here)* oz. of water. Replace [{cap} {spout} {sprayer}]. Squeeze [{bag} {small section filled with concentrate}] until the seal between water and concentrate is broken. Shake to mix. [{Open} [{cap} {spout}]] to dispense in [{bucket} {bottle} or {other} {container}]. {Spray onto surfaces.} {Pull top on cap and squeeze bag to dispense onto surfaces.} Do not refill [{bag} {pouch}].

**PRE-MEASURED CARTRIDGES:** Fill {appropriate} [{bottle} {container}] with *(insert quantity here)* oz. of water. [{Apply} {Insert} {Twist} {Screw}] cartridge [{onto} {into}] [{bottle} {container}] [{finish} {opening}]. {Remove any tamper evident protection.} [{Lift} {Unscrew} {Open}] cap {from the cartridge}. [{Push} {Press} {Twist}] the [{button} {activator} {dial} {knob}] {to release the concentrate into the diluent}. {Replace cap.} Shake to mix. [{Remove cap} {Flip top} {Pull top} {Peel film}] to open. [{Dispense contents into [{bucket}, {bottle}, or {other} {container}]} {Squeeze bottle to dispense contents onto surfaces}]. Keep cartridges in [{box} {dispenser} {holder}] until ready to use.

**{COARSE} TRIGGER SPRAYERS:** Fill bottle from dispenser. {Apply to surfaces according to directions above.}

#### **SPRAY USE INSTRUCTIONS:**

##### **How to Assemble Extendable Trigger**

1. Remove [{cap} {sprayer}] from bottle.
2. Insert end of tube into bottle until new cap meets bottle.
3. Twist cap onto bottle until secure.

##### **How to Spray**

1. Adjust nozzle to ON (**Note to Reviewer:** *There will be an ON symbol here*) position as indicated on nozzle.
2. [{To prime sprayer, direct nozzle toward surface to be treated and squeeze trigger several times until liquid is seen through the length of the tube. **Note:** Keeping sprayer head below the level of liquid in bottle will make priming easier.} {When priming, hold sprayer level to the ground. If held at an angle, sprayer will not prime.}]

##### **After Use**

1. Turn nozzle to OFF (**Note to Reviewer:** *There will be an OFF symbol here*) position.

(Spray Cap container language)

**Shake Well.** Remove sticker. Open flip cap. Firmly insert red hose tip.

(**Note to Reviewer:** *For pre-measured tear open packet only*)

**PACKETS:** [{Simply} {Tear} open and}] pour contents into X gal. of water. {Keep packets in box until ready to use.}

#### **STOCK SOLUTIONS INSTRUCTIONS:**

##### **{For Spray Bottles:}**

1. Fill stock [{solution bottle} {mixing container} {insert bottle number}] to indicated line with (X) [{oz.} {gal.}] of water.
2. Pour contents of (X) pack(s) [{of this product} {insert packet number}] into stock [{solution bottle} {mixing container}].
3. Fill {quart} [{hand pump} {coarse}] trigger spray bottle {insert bottle number} with (X) oz. to water line.
4. Add (X) pump stroke {(X) oz.} from stock [{solution bottle} {mixing container}] to create a (XXX) ppm active solution.

Note: Empty and rinse bottles before refilling.

##### **FOR [{BUCKETS} {OR} {{SOAKING} {WIPING} {CLOTH} CONTAINERS}]:**

1. Fill [{bucket {insert bucket number}} {container}] to indicated line with {X [{oz.} {gal.}] of water.
2. Pour contents of (X) pack(s) [{of this product} {insert packet number}] into stock [{solution bottle} {mixing container}].
3. Add (X) pump stroke {(X) oz.} from stock [{solution bottle} {mixing container}].
4. {Soak clean {wiping} cloths between use.}
5. Prepare a fresh solution daily or when visibly dirty {{or if falls below XXX ppm active quat.} {Use quaternary test strips for testing active level}}.

#### **REFILLS**

**To Refill Concentrate from Large Containers into Smaller Containers:** This product may be used to fill and refill clean, properly labeled containers for dilution elsewhere within your facility. Make sure the small container has been cleaned, dried, and properly labeled according to state and local regulations. Also make sure other items (funnels or hand pumps) are properly cleaned and dried. To refill, [{simply pour} {pump product}] from the larger container directly into the smaller one being careful not to spill any product. Keep both containers sealed when not in use.

#### **BAG-IN BOX CONTAINERS:**

**{How to use this package:}** This package is designed to be used with dilution control systems only. Open package and connect to [{hose} {system}] to dispense according to directions on the box.



## STORAGE AND DISPOSAL

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

**{PESTICIDE} STORAGE:** Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**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:

**(Note to Reviewer:** One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.)

*{For products with industrial, institutional, commercial use – May choose appropriate non-refillable/refillable statement.}*

*{For non-refillable containers equal to or less than 5 gal.}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable containers greater than 5 gal.}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ 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 back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable packets, Bag-In-Box, and other sealed containers}*

**(Note to Reviewer:** sealed containers are designed to reduce worker exposure to the concentrate. None of these types of containers can be triple rinsed because they are closed, welded, sealed containers.)

Non-Refillable Container. Do not reuse or refill this container. {Wrap empty container and} Put in trash or offer for recycling.

*{Refillable containers}*

Refillable Container. Refill this container with this product only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed, inhaled, or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Wear goggles or face shield, coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves. Wear at minimum a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter, or a NIOSH-approved powered air purifying respirator with HE filters. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### ENVIRONMENTAL HAZARDS

*(If container is equal to or greater than 5 gal., the following statement must appear on the label.)*

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

*(If container is less than 5 gal., use the following as an alternate to the above statement.)*

This product is toxic to fish, aquatic invertebrates.



## GRAPHICS AND ICONS

**(Note to Reviewer:** These are representative icons for use sites/application methods listed in the location/surfaces section of this label that may appear on the label with the appropriate directions for use, PPE, or package type.)

{Picture of Bathroom}

{Picture of Sink}

{Picture of Dishes}

{Baby Drowning in Bucket Warning

Graphic}

{Recycling Logo}

{Made in USA Logo/Flag}

**(Note to Reviewer:** The following may be used only if the supplemental registrant has obtained a Kosher/NSF/SQF listing. Allowed on back or side panel only.)

{Kosher Logo}

{NSF Logo}

{NSF Listed}

{{Insert 6-Digit NSF Listing Number

here}}

{SQF Certification Logo}

{{Insert 5-digit SQF Certification

Number here}}



**(Note to reviewer.** The following may be used only if the supplemental registrant has obtained an IFANCA Halal (Islamic Dietary) certification.)



{IFANCA Halal certified} or {Halal certified}

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## {WARRANTY STATEMENT}

**(Note to Reviewer:** This statement is optional.)

Read Product Safety Data Sheet prior to use, PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND on the Product Material Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions.

Lea la Hoja de Seguridad del Producto antes de usarlo. LA GARANTIA DEL PRODUCTO, DECLINACION Y LIMITACION DE RESPONSABILIDAD SE ENCUENTRAN en la Hoja de Seguridad del Producto. A menos de que sea inconsistente con la ley, el uso del producto significa acuerdo con estas provisiones.

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(**Note to Reviewer:** This is optional packet labeling.)

X OZ. PACKET (OR EQUIVALENT USE DILUTION) LABEL TO BE USED WITH MASTER CONTAINER LABEL

## ***Insert Product Name***

(**Note to Reviewer:** Marketing claims may be used on the pouch.)

{FOR USE AS {A} {FOOD CONTACT SANITIZER}}

NOT FOR RESALE

### **ACTIVE INGREDIENTS:**

Alkyl (50% C14, 40% C12, 10% C16)  
Dimethyl Benzyl Ammonium Chloride ..... 4.10%  
Octyl Decyl Dimethyl Ammonium Chloride ..... 3.08%  
Didecyl Dimethyl Ammonium Chloride ..... 1.54%  
Dioctyl Dimethyl Ammonium Chloride ..... 1.54%  
**OTHER INGREDIENTS:** ..... 89.75%  
**TOTAL:** ..... 100.00%

## **KEEP OUT OF REACH OF CHILDREN DANGER {PELIGRO}**

SEE [{OUTER CONTAINER} {INSERT}] FOR PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

Mix each (*insert oz.*) packet with (*insert volume*) of water {to make a (X) ppm solution.}  
{Keep packets in box until ready to use.}

(**Note to Reviewer:** The following text is optional.)

**{SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN  
DETALLE.**

**IF YOU DO NOT UNDERSTAND THE LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.}**

**DISPOSAL:** Do not reuse or refill this container. {Wrap empty container and} Put in trash.

**(Company Name and Address)**

EPA Reg. No. 94602-  
EPA Est. No.

NET CONTENTS: X OZ.