This pesticide is toxic to fish and eating, drinking, chewing gum, using tobacco or using the toilet.

DANGER: Corrosive. Causes irreversible eye damage and skin hazards to humans and domestic animals.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Do not reuse container. Do not refill this container. Wrap empty container and put in trash.

- Nonrefillable container. Do not reuse or refill.
- If you have any questions about this pesticide, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for information, including the specifications in the storage and disposal section of the label.

CAUTION: Contains Quaternary Ammonium Compound ( quat).

If swallowed:召唤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 a poison control center or doctor.

IF IN EYES:

First Aid: Have person rinse eyes thoroughly with water for 15 minutes or until no longer irritation or discomfort. Close eye firmly shut. Do not rub.

NOTE TO PHYSICIAN:

Use non-porous cutting boards; non-porous chopping blocks; trays; serving trays; appliances; kitchen equipment; food storage containers; and food contact surfaces.

Sanitization:

When used as a food contact sanitizer at a 1:512 dilution (1.0 fl. oz. of product per gallon of water), it will effectively disinfect and control a wide variety of foodborne pathogens, including:

- Enterococcus faecalis
- Enterobacter aerogenes
- Clostridium perfringens
- Escherichia coli

This product is for sanitizing of previously cleaned, hard, non-porous food contact surfaces and equipment; food preparation areas, and food establishments, food preparation areas, and food contact sanitizer at a 1:512 dilution, 1.0 fl. oz. of product per gallon of water.

1. Turn off refrigeration, if applicable.
2. Equipment and utensils must be thoroughly pre-flushed or pre-scraped and, when necessary, pre-soaked to remove gross food particles.
3. Add 14 ounces of solution daily to each drain for retention of particulate matter.
4. Allow surfaces to remain wet at least 1 minute or contact time specified by governing agency or appropriate to the equipment or surface to be treated. Allow product to circulate through the system.
5. Apply a solution 0.25 – 0.5 fl. oz. per gallon of water (200 - 400 ppm active quat). Do not rinse.

NOTE: Read and check carefully all information, including the specifications in this box. The job will not be sent to print until final okay is received. All information contained on the label and in this box are the responsibility of the final approver.
ENVIRONMENTAL HAZARDS:

Do not use in or around poultry, fish or livestock feed areas; do not use where food is a component. Do not use in water where livestock is a component. Do not handle for at least 24 hours before removing crops, livestock, or food. Do not use in or around fish hatcheries, fish ponds, streams or lakes. Do not contaminate barber, beauty or tattoo shops by handling this product. Do not use in or around food processing areas, or food contact surfaces.

PHYSICAL OR CHEMICAL HAZARDS:

Heat or open flame. Do not mix with oxidizers, anionic soaps or other detergents.

Read Warning Statement Provided Below.

HAZARDS TO DOMESTIC ANIMALS:

See предосторожности сверху. Observe all precautions when using the product.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

Do not eat, drink, chew gum, use tobacco, or use the toilet while handling the product. Wash hands thoroughly with soap and water after handling the product. Avoid eye and skin contact with this material. Keep out of reach of children. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling.

IF SWALLOWED:

Probable mucosal damage may contraindicate the use of gastric lavage. Do not give anything by mouth to an unconscious person.

IF IN EYES:

Remove any contact lenses. Flush eyes with plenty of cool water for at least 15 minutes, holding eyelids open with fingers. If irritation continues, see a doctor.

IN CASE OF EMERGENCY, CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

Have the product container or label with you when calling a Poison Control Center. In the United States, call 1-800-222-1222, anytime; in Canada, call 1-800-263-5473.

When calling a Poison Control Center, have the product container or label with you when calling.

Do not allow exposure to eyes, skin, or clothing. Keep children away.

Do not apply to hands, face, feet, or any other parts of the body. Avoid breathing dust or spray.
Suma® Clean-N-San D4.10
No Rinse Sanitizer

When used as directed, this product is highly effective against a wide variety of pathogenic microorganisms.

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. At a 1:160 dilution (4 fl. oz. of product per 5 gallons of water), using approved AOAC test methods under Good Laboratory Practices, in the presence of 5% serum load and 10 minute contact time, unless otherwise noted, this product kills the following on hard non-porous non-food contact environmental surfaces:

**Bacteria:**
- Pseudomonas aeruginosa, (ATCC 15442)
- Staphylococcus aureus, (ATCC 6538)
- Salmonella enterica, (ATCC 10708)
- Botrytis cinerea, (ATCC 10158)
- Burkholderia cepacia, (ATCC 25416)

**Antibiotic-Resistant Strains of Bacteria:**
- Enterococcus faecium, (Clinical Isolate), (Resistant to Vancomycin (VRE))
- Staphylococcus aureus, (ATCC 23391), (Resistant to Methicillin (MRSA))
- Staphylococcus aureus, (Genotype USA400)
- Listeria monocytogenes, (ATCC 884)

**Viruses:**
- *Herpes Virus Type 2, (VR-734)
- *Infectious Bronchitis Virus, (Clinical Isolate)
- *Vaccinia Virus, (Clinical Isolate)
- *Canine Distemper Virus, (Clinical Isolate)
- *Equine Arteritis Virus, (VR-796)
- *Infectious Bovine Rhinotracheitis Virus, (VR-188)
- *Avian Influenza A (H9N2), (VR-2449)
- *Avian Influenza A (H9N2), (VR-798)
- *Infectious Laryngotracheitis Virus, Strain LT-IVAX
- *Avian Coronavirus, (VR-809)
- *Canine Coronavirus, (Clinical Isolate)
- *Infectious Bronchitis Virus, Strain (Vigers)
- *Respiratory Syncytial Virus, (Clinical Isolate)
- *Pseudorabies Virus, (VR-135)
- *Transmissible Gastroenteritis Virus (TGE), (VR-742)

**Fungi:** This product is fungicidal when used as directed on hard, non-porous inanimate surfaces at a 1:160 dilution (4 fl. oz. per 5 gallons of water), and in the presence of a 5% serum load and 10 minute contact time.

- Trichophyton mentagrophytes, (ATCC 9633)

**Sanitization:** When used as a food contact sanitizer at a 1:512 dilution (1.0 fl. oz. of product per 4 gallons of water), in the presence of 500 ppm hard water, this product reduces the following bacteria by 99.999% with a 1 minute contact time on pre-cleaned, hard non-porous inanimate surfaces:
- Aeromonas hydrophila, (ATCC 23213)
- Campylobacter jejuni, (ATCC 29428)
- Clostridium perfringens, (ATCC 13124)
- Enterobacter sakazakii, (ATCC 29544)
- Enterococcus faecalis, Vancomycin Resistant, (VRE) (ATCC 51299)
- Escherichia coli, (ATCC 11229)
- Escherichia coli O157:H7, (ATCC 43888)
- Listeria monocytogenes, (ATCC 884)
- Salmonella typhi, (ATCC 6538)
- Shigella dysenteriae, (ATCC 5361)
- Staphylococcus aureus, (ATCC 6538)
- Staphylococcus aureus, (ATCC 23391), (Resistant to Methicillin (MRSA))
- Streptococcus pyogenes, (ATCC 12344)
- Yersinia enterocolitica, (ATCC 23715)

**Non-Food Contact Sanitization:** When used as a non-food contact sanitizer at a 1:512 dilution (1.0 fl. oz. of product per 4 gallons of water) (200 ppm active quaternary) this product reduces the following bacteria by 99.9% with a 3 minute contact time on pre-cleaned, hard non-porous environmental surfaces:
- Enterobacter aerogenes, (ATCC 13048)
- Staphylococcus aureus, (ATCC 6538)

**Malodor Counteractancy** – eliminates odors and odor-causing bacteria on hard, non-porous surfaces in restroom areas, behind and under sinks and counters, and storage areas and other places where bacterial growth can cause malodors.

**For Sanitization of Food Processing Equipment, Dairy Equipment, Refrigerated Storage and Display Equipment and Other Hard Non-Porous Surfaces in Food Contact Locations:**
1. Turn off refrigeration, if applicable.
2. Equipment and utensils must be thoroughly pre-flushed or pre-scraped and, when necessary, pre-soaked to remove gross food particles.
3. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing.
4. Wash and rinse all surfaces thoroughly.
5. Apply a solution of 0.25 – 0.5 fl. oz. of product per gallon of water (200 - 400 ppm active) directly to the surfaces or by recirculating through the system. Surfaces must remain wet for at least 1 minute followed by complete draining and drying. Fresh solution must be prepared for each cleaning. No potable water rinse is allowed when product is used as directed.
6. Return machine to service.

**For Sanitization of Ice Machines:**
1. Turn off refrigeration.
2. Unit must be washed with a compatible detergent and rinsed with potable water before sanitizing.
3. Wash and rinse all surfaces thoroughly.
4. Apply a solution of 0.25 – 0.5 fl. oz. of product per gallon of water (200 - 400 ppm active) by direct pouring or recirculating through the system. Surfaces must remain wet for at least one minute followed by complete draining and drying. Fresh solution must be prepared for each cleaning. No potable water rinse is allowed when product is used as directed.
5. Return machine to service.

NOTE: Read and check carefully all information, including the specifications in this box. The job will not be sent to print until final okay is received. All information contained on the label and in this box are the responsibility of the final approver.
To Sanitize Stationary Kitchen and Food Processing Equipment:
This product can be used to clean and sanitize hard, non-porous surfaces of equipment such as deli slicers, beverage equipment, ice machines and dispensers. Refer to the equipment manufacturer’s instructions to determine how to clean and sanitize the equipment in place, or to disassemble the equipment for cleaning & sanitizing by immersion.
1. Clean with this product according to the label directions.
2. To sanitize, apply a use-solution of 0.25 - 0.5 fl. oz. per gallon of water (200 - 400 ppm active) by spraying or swabbing until thoroughly wet.
3. Allow surfaces to remain wet for at least 60 seconds.
4. Drain thoroughly before reuse and allow to air dry.

For Continuous Treatment of Meat and Poultry or Fruit and Vegetable Conveyors:
1. Remove gross food particles and excess soil by a pre-flush or pre-scrub.
2. Wash with a good detergent or compatible cleaner. Rinse equipment thoroughly with potable water. Then rinse equipment with a sanitizing solution.
3. To sanitize the belt apply this product at a 200-400 ppm quat level (0.25 - 0.5 fl. oz. per gallon) 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.
4. During interruptions in operation, apply coarse spray to equipment, peelers, collators, slicers and saws with this product at a dilution of 200-400 ppm active quat. Allow surfaces to remain wet for 60 seconds. Conveyor equipment must be free of product when applying this coarse spray. Do not allow this solution to be sprayed directly on food.

For Control of Small Flies in Drains:
1. Spray or pour solution of 4 fl. oz. per 5 gallons of water (625 ppm active quat) into drain during time of lowest level of drain use.
2. Apply around the edge of the drain and coat all sides of inside of drain.
3. Add 14 ounces of solution daily to each drain to maintain fly control.

To Sanitize Non-Food Contact Surfaces: Dilute at 1.0 fl. oz. of product per 4 gallons of water (1:512).
1. Pre-clean heavily soiled hard non-porous surfaces.
2. Apply Use Solution until thoroughly wet.
3. Let stand for 3 minutes.
4. Wipe surfaces and let air dry.

To Prepare Disinfectant Use Solution: Add the product at 4 fl. oz. of product per 5 gallons of water (625 ppm active quaternary).

For Use as a One-Step Cleaner/Disinfectant:
1. Pre-clean heavily soiled areas.
2. Apply Disinfectant Use Solution to hard, non-porous environmental surfaces.
3. To disinfect, all surfaces must remain wet for 10 minutes.
4. Wipe surfaces and let air dry.

To Kill Fungi: Pre-clean heavily soiled areas. Apply Disinfectant Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces and let air dry.

To Sanitize Food Service Establishment Hard, Non-Porous Food Contact Surfaces including countertops, exterior surfaces of appliances and tables:
1. Before using this product, food products and packaging materials must be removed from area or carefully protected. For heavily soiled areas, a pre-cleaning step is required.
2. Apply Disinfectant Use Solution evenly over surface. For sprayer applications use a coarse spray device. Be sure to wet all surfaces thoroughly.
3. Allow surface to remain wet for 10 minutes.
4. Remove excess liquid.
5. When disinfecting food contact surfaces, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, and dishes.

For Treatment of Animal Housing Facilities: Dilute at 4.0 fl. oz. of product per 5 gallons of water (1:160).
1. Remove all animals and feeds from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
3. Empty or cover all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Apply fresh Use Solution to floors, walls, cages and other washable hard, non-porous, non-food contact environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for ten minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
7. Ventilate buildings and other closed spaces. Do not house animals or re-employ equipment until product has dried.
8. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand ten minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

See the container label for use directions and additional required information for use, storage and disposal.