

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Harmful if inhaled. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. 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 HAZARD**

This pesticide is toxic to fish and aquatic invertebrates. 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using this product, food products and packaging materials must be removed from the room or carefully protected.

**GENERAL DISINFECTANT PERFORMANCE IN NON-MEDICAL FACILITIES:** At 1 ounce of this product per gallon of water use level and with a 10-minute contact time, this product is bactericidal according to the AOAC Use Dilution Test method on hard, non-porous surfaces against: *Salmonella enterica*, *Staphylococcus aureus*

**FOR USE AS A CLEANER/DISINFECTANT IN FOOD PROCESSING PLANTS:**

1. For heavily soiled areas, a pre-cleaning step is required.
2. Apply use solution of 1 ounce of this product per 1 gallon of water evenly over hard, non-porous surface using a cloth, brush, mop, sponge auto scrubber or mechanical spray device and rub. Be sure to wet all surfaces thoroughly. Do not breathe spray.
3. To disinfect, allow product to remain on surface for ten (10) minutes.
4. Wipe with clean cloth, sponge or paper towel. Change cloth, sponge or towels frequently to avoid redeposition of soil.
5. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, dishes or interior surfaces of processing equipment.
6. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**NON-FOOD CONTACT SANITIZING PERFORMANCE:** At 1 ounce of this product to 4 gallons of water use level (200 ppm active), this product is an effective one-step sanitizer with a 5 minute contact time against the following on hard non-porous surfaces: *Enterobacter aerogenes*, *Staphylococcus aureus*

**ENTRYWAY SANITIZING SYSTEMS:** To prevent cross contamination from area to area, set the system to deliver 0.5 to 1 ounce of this product per gallon of water (400 – 800 ppm active) of sanitizing solution. The foam must cover the entire path of the doorway. Set the system so that a continuous wet blanket of sanitizer solution is delivered to the floor. Do not mix other foam additives to the sanitizing solution.

**FOOD CONTACT SANITIZING DIRECTIONS**

Before use as a sanitizer in public eating places, and federally inspected meat and poultry plants, food products and packaging materials must be removed from the room or carefully protected. Prior to application, remove gross food particles and soil by a pre-flush or pre-scrape and when necessary, presoak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.

**FOOD CONTACT SANITIZING PERFORMANCE:** At a minimum of 1 and a maximum of 2 ounces per 4 gallons (200-400 ppm), this product eliminates 99.999% of the following bacteria in 60 seconds in 500 ppm hard water according to the AOAC Germicidal and Bactericidal Sanitizing Action of Disinfectants test:

<i>Campylobacter jejuni</i>	<i>Shigella dysenteriae</i>
<i>Escherichia coli</i>	<i>Shigella flexneri</i>
<i>Escherichia coli</i> 0157:H7	<i>Staphylococcus aureus</i>
<i>Listeria monocytogenes</i>	<i>Yersinia enterocolitica</i>
<i>Salmonella enterica</i>	

**FOOD CONTACT SANITIZING DILUTION GUIDE**

To prepare a 200, 300 or 400 ppm active quaternary solution use the following dilution table. Prepare correct dilution rate based upon the directions below associated with the appropriate use site.

**FOOD CONTACT SANITIZING DILUTION CHART**

Active quat solution	4 gallons	10 gallons	20 gallons
200 ppm	1.0 ounce	2.5 ounces	5.0 ounces
300 ppm	1.5 ounces	3.75 ounces	7.5 ounces
400 ppm	2.0 ounces	5.0 ounces	10.0 ounces

DIRECTIONS FOR USE CONTINUED ON RIGHT PANEL

**DOT INFORMATION:** UN1903, Disinfectants, liquid, corrosive, n.o.s., 8, PG III (Phosphoric acid, quaternary ammonium compound)



Packers Chemical, Inc.

**KC-631**

**Multi-Purpose No-Rinse Acid Cleaner Food Contact Sanitizer  
For Food Handling and Process Areas  
Virucidal against Foot and Mouth Disease Virus (FMDV)**

**ACTIVE INGREDIENTS:**

Octyl Decyl Dimethyl Ammonium Chloride.....	3.0750%
Didecyl Dimethyl Ammonium Chloride.....	1.5375%
Diocetyl Dimethyl Ammonium Chloride.....	1.5375%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride.....	4.1000%

**INERT INGREDIENTS:**

<b>TOTAL:</b> .....	100.0000%
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**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**

See left panel for additional precautionary statements.

**First Aid**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**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 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 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**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.

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

**PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.**

**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**

Packers Chemical, Inc.

3729 Peddle Hollow Rd., Kieler, WI 53812

EPA Reg. No. 10324-67-63679

EPA Est. No. 63679-WI-001, 10508-OH-001, 10508-TN-001,  
10508-TX-001, 10508-PA-001, 34490-CA-001

**CHEMTREC EMERGENCY PHONE 1-800-424-9300**

NET CONTENTS: 55 275 GALLONS

BATCH: \_\_\_\_\_

**DIRECTIONS FOR FOOD PROCESSING EQUIPMENT AND UTENSILS AS REGULATED BY 40CFR sec 180.940(c):** Apply sanitizing solution containing 1-2 ounces of this product per 4 gallons of water (200-400 ppm active quaternary) to hard nonporous equipment and utensils with a brush, cloth, sponge, auto scrubber, mechanical spray device or by immersion. For spray applications, spray 6 to 8 inches from surface. Rub with brush, sponge, or cloth. Do not breathe spray. Surfaces must remain wet for at least 60 seconds. Allow sanitized surfaces to adequately drain before contact with food/liquid. Do not rinse after use as a sanitizer. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty. The used sanitizing solution must not be reused for sanitizing, but can be reused for other purposes such as cleaning. For mechanical application use solution may not be reused for sanitizing applications.

**WISCONSIN STATE DIVISION OF HEALTH**

**DIRECTIONS FOR EATING ESTABLISHMENTS (Not applicable in CA)**

1. Scrape and pre-wash hard nonporous 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 1-2 ounces of this product per 4 gallons water 200-400 ppm active quaternary). Immerse all utensils for at least 60 seconds or for contact time specified by governing sanitary code. For equipment and utensils too large to sanitize by immersion, apply use solution of 0.5-1 ounce per 2.5 gallons of water by rinsing, spraying or swabbing until thoroughly wetted for 60 seconds.
  5. Place sanitized utensils on a rack or drain board to air-dry.
  6. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.
- Note:** A clean potable water rinse following sanitization is not permitted under Section HFS 196.13 of the Wisconsin Administrative Code.

**FOR TREATMENT OF MEAT AND POULTRY OR FRUIT AND VEGETABLE CONVEYORS:**

To sanitize the belt, apply this product at 200-400 ppm quat level (1-2 ounces per 4 gallons) (or equivalent use dilution) to conveyors with suitable feeding equipment. Do not allow this solution to be sprayed directly on food. 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 sanitizing solution using a coarse spray device to equipment, peelers, collators, slicers, saws, and other non-porous conveyor equipment. Allow surfaces to remain wet for at least 60 seconds. Conveyor equipment must be free of product when applying this coarse spray.

**ANIMAL PREMISE USE DIRECTIONS:** Prior to use, cover or remove all food and packaging material before disinfection and remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

**DIRECTIONS FOR FOOT AND MOUTH DISEASE VIRUS (FMDV)** This product was tested and has proven to be effective against Foot and Mouth Disease Virus (FMDV) in the presence of 5% soil load. Saturate all surfaces with disinfection and virucidal solution (1 oz. per gallon of water) and allow surface to remain wet for a period of 1 minute. **Note this contact time may not control other bacteria or viruses.** Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.  
**CONTAINER HANDLING/PESTICIDE STORAGE/CONTAINER DISPOSAL:** Non-refillable container. Open dumping is prohibited. Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. 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.

**RESIDUE REMOVAL INSTRUCTIONS:** To clean the container before final disposal, empty the remaining contents from this container into a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Agitate vigorously or recirculate water for 30 seconds. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Follow Pesticide Disposal instructions for rinsate disposal.