

Safety Data Sheet 1454BUT



1 Material and Supplier Identification

Product Name: **One Step Disinfectant**
Description: Disinfectant/Cleaner/Sanitizer
Recommended use of the chemical and restrictions: Use only for the purpose on product label. This product is not intended to be used without prior dilution if specified on product label.

Supplier's Information: **Fulton Distributing**
53-603 Polk Street
Coachella, CA 92236
760-262-6200 (Customer Service)

Emergency Telephone: (800) 255-3924 USA (813)248-0585 International (Chemtel 24 hrs)

2 Hazards Identification

Classification of Mixture: Not Classified Pictogram
No Pictogram

Signal Word: WARNING
Hazard Statements: May cause skin and eye irritation.

Precautionary Statements

General: Keep out of Reach of Children. Read label before use.
Prevention: Wash hands thoroughly after handling.

Response: IF ON SKIN: Take off contaminated clothing and wash before reuse. Rinse skin with water. If skin irritation persists: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If problem persists, call a Poison Center or get medical attention.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention immediately.

3 Composition/Information on Ingredients

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Concentration Range %</u>
Didecyl dimethyl ammonium chloride	7173-51-5	2.54
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	1.69

4 First Aid Measures

Eye Contact:	Flush eyes with water for 15 minutes. Remove contact lenses if any.
Skin Contact:	Contact with concentrate may be an irritant to sensitive skin. If spilt in large areas of skin, rinse immediately with water and remove clothing. Wash skin thoroughly with soap and water.
Inhalation	If discomfort is experienced after prolonged exposure to vapours, move person to fresh air. Get medical attention if irritation persists.
Ingestion:	Get medical attention immediately. Rinse mouth with water. Do NOT induce vomiting. Drink glass of water to dilute product.

5 Firefighting Measures

Suitable Extinguishing Media:	Water spray, normal foam, dry agent (carbon dioxide, dry chemical powder.)
Specific Hazards arising from the Chemical:	In a fire or if heated, a pressure increase will occur and the container may burst. Combustion products may include and are not limited to nitrogen oxides, carbon monoxide, and carbon dioxide.
Specific Protective Equipment and Precautions for Firefighters:	Firefighters should wear NIOSH approved self-contained breathing apparatus and protective clothing. If safe to do so, remove containers from path of fire. If involved in a fire, keep containers cool with water spray.

6 Accidental Release Measures

Emergency Procedures:	Keep area clear of personnel until area has been properly cleaned.
Personal Precautions/ Protective Equipment:	Slippery when spilt. To avoid accidents, clean up immediately and shut off source of leak, if safe to do so. Wear appropriate protective equipment to prevent any contamination of skin, eyes, and personal clothing. Provide sufficient ventilation.
Environmental Precautions:	If contamination of sewers or waterways has occurred, advise local emergency services.
Methods for Containment and Cleaning Up:	Contain spill with absorbent (soil, sand, or other inert material) or spill kit to prevent contamination of sewers or waterways. Neutralization agent is not recommended within building, as toxic vapors may be omitted. Properly dispose of used absorbents in accordance with local, state, and federal regulations.

7 Handling and Storage

Precautions for Safe Handling:	Avoid skin and eye contact, inhalation and ingestion. Wash hands thoroughly after use. Keep out of reach of children.
Conditions for Safe Storage, Including Incompatibilities:	Store in cool, dry place and out of direct sunlight. Store away from source of heat or ignition. Do not mix with other chemicals. Keep container closed when not in use, and check regularly for leaks.

See Section 10 for incompatible materials.

8 Exposure Controls/Personal Protection

Control Parameters:

Hazardous Ingredients

	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH IDLH</u>
Didecyl dimethyl ammonium chloride	N/A	N/A	N/A
Alkyl dimethyl benzyl ammonium chloride	N/A	N/A	N/A

Appropriate engineering controls:

Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protection

Eye Protection: Use protective glasses or safety goggles if splashing or spray-back is likely.

Hand Protection: Use protective gloves when used for prolonged periods or if skin sensitive.

Skin Protection: Use apron if splashing or spray-back is likely.

Respiratory Protection: Use in well ventilated areas or local exhaust ventilation when cleaning small spaces.

Hygiene Measures: Always wash hands after handling chemical products, and before smoking, eating, drinking, or using the toilet. Wash contaminated clothing or protective equipment before storage and re-use.

9 Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	1.0	Vapour Pressure (mm Hg):	< 17 mm Hg
Color:	Yellow	Evaporation Rate:	< 1	Vapour Density:	> 1
Odor:	Lemon	Solubility in Water:	Complete	Freezing Point (°F):	< 32
pH:	7.5-8.5	VOC (g/L):	<6	Boiling Point (°F):	> 212
				Flash Point (°F):	> 200

< means less than

> means greater than

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10 Stability and Reactivity

Reactivity: No specific data

Chemical Stability: Stable

Possibility of Hazardous Reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: Avoid exposure to heat and light.

Incompatible Materials: Slightly reactive or incompatible with oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and reactive metals (e.g., aluminum).

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological Information

Symptoms:

Eye Contact: Adverse symptoms may include the following: irritation, watering, redness
Skin Contact: Adverse symptoms may include the following: irritation, redness
Inhalation: Adverse symptoms may include the following: respiratory tract irritation, coughing
Ingestion: Adverse symptoms may include the following: stomach pains

Acute Toxicity:

Eye Contact: May cause eye irritation.
Skin Contact: May cause skin irritation.
Inhalation: May cause respiratory irritation.
Ingestion: May cause burns to mouth, throat and stomach.

Toxicity Data:

Hazardous Ingredients

	<u>Result</u>	<u>Species</u>	<u>Dose</u>
Didecyl dimethyl ammonium chloride	LD50 - Oral	Rat	238 mg/kg
	LD50 - Dermal	Rabbit	3,342 mg/kg
Alkyl dimethyl benzyl ammonium chloride	LD50	Rat	344 mg/kg
	LD 50- Dermal	Rabbit	3,340 mg/kg

Chronic Effects: No known significant effects or critical hazards

12 Ecological Information

Ecotoxicity: No data available.

Aquatic Toxicity:

Hazardous Ingredients

	<u>Result</u>	<u>Species</u>	<u>Dose</u>
Didecyl dimethyl ammonium chloride	No Data Available		
Alkyl dimethyl benzyl ammonium chloride	EC50	Daphnia Magna	<1.00 mg/l/48hrs

Other Adverse Effects: No known significant effects or critical hazards.

13 Disposal Considerations

Disposal Methods: Diluted product can be flushed to sanitary sewer. Discard empty container in trash. Dispose of waste in accordance with federal, state, and local regulations.

14 Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Ground Transport

DOT Classification: Not Regulated

UN Number:

Transport Hazard Class:

Packaging Group: N/A

Hazardous Division:

Hazardous Contents:

15 Regulatory Information

SARA Title III: No
California Proposition 65: No
Other Regulations: EPA Regulated

16 Other Information

HMIS/NFPA Hazard Rating: Health: 1 Flammability: 0 Reactivity: 0

The information contained herein is based on the data available to us. It is believed to be correct. NO warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult Fulton Distributing.

MSDS Revision Date: 5/1/2015

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Chemical Specifications Sheet

SKU #180148

One-Step Disinfectant

Disinfectant/Cleaner/Sanitizer

Desinfectante / Limpiador / Sanitizante

DESCRIPTION:

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 200 ppm (calculated as CaCO₃) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor saving step. For use in hospitals and nursing homes as a disinfectant. Use in schools, colleges, veterinary clinics, animal life science laboratories, pet shops, airports, and kennels. Disinfects, cleans and deodorizes the following hard, nonporous inanimate surfaces: floors, walls, (non-medical) metal surfaces, (non-medical) stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, acrylic, etc.). This product kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu). Effective against Influenza A virus associated with the flu.

DIRECTIONS:

Dilute product 1:64 or 2 ounces per gallon of water (660 ppm quat). Use a mop, brush, sponge or coarse sprayer. Apply to surface and let stand for a few minutes. Rinse with clean water.

Efficacy - see efficacy sheet for additional claims

Bacteria	Contact Time
Pseudomonas aeruginosa ¹	10 min
Staphylococcus aureus ¹	10 min
Salmonella enterica	10 min
Acinetobacter baumannii	10 min
Acinetobacter calcoaceticus	10 min
Bordetella bronchiseptica	10 min
Chlamydia psittaci	10 min
Staphylococcus aureus - Community	10 min
Associated Methicillin - Resistant - CA-MRSA (NRS384) (USA300)	
Staphylococcus aureus - Community	10 min
Associated Methicillin - Resistant - CA-MRSA (NRS123) (USA400)	
Enterobacter aerogenes	10 min
Enterobacter cloacae	10 min
Enterococcus faecalis	10 min
-Vancomycin Resistant (VRE)	10 min
Escherichia coli ¹	10 min
Fusobacterium necrophorum	10 min
Klebsiella pneumoniae ¹	10 min
Legionella pneumophila	10 min
Listeria monocytogenes	10 min
Pasteurella multocida	10 min
Proteus mirabilis	10 min
Proteus vulgaris	10 min
Salmonella enteritidis	10 min
Salmonella typhi	10 min
Serratia marcescens	10 min
Shigella flexneri	10 min
Shigella sonnei	10 min
Staphylococcus aureus	10 min
-Methicillin resistant (MRSA)	
Staphylococcus aureus	10 min
-Vancomycin Intermediate Resistant (VISA)	
Staphylococcus epidermidis ²	10 min
Streptococcus faecalis ¹	10 min
Streptococcus pyogenes (Strep)	10 min

Viruses	Contact Time
Human coronavirus	1 min
Influenza A Virus/Hong Kong	2 min
HIV-1 (AIDS virus)	4 min
Adenovirus Type 7 - at 8 oz per gallon	10 min
Hepatitis B Virus (HBV)	10 min
Hepatitis C Virus (HCV)	10 min
Herpes Simplex Virus Type 1	10 min
Herpes Simplex Virus Type 2	10 min
Rolavirus (WA)	10 min
Respiratory Syncytial Virus (RSV)	10 min
Rubella Virus	10 min
SARS Associated Coronavirus (SARS)	10 min
Vaccinia virus	10 min

Animal Viruses	Contact Time
Avian Influenza Virus (H5N1)	10 min
Avian polyomavirus	10 min
Canine distemper virus	10 min
Feline leukemia virus	10 min
Feline picornavirus	10 min
Infectious bovine rhinotracheitis virus	10 min
Infectious bronchitis virus(Avian IBV)	10 min
Newcastle Disease Virus	10 min
Pseudorabies virus	10 min
Rabies virus	10 min
Transmissible Gastroenteritis virus (TGE)	10 min

¹ ATCC & antibiotic-resistant strain
² antibiotic-resistant strain only



Stability: Shall remain stable when stored under normal conditions in original unopened containers. Do not allow to freeze.

Appearance: YELLOW
Odor: LEMON
pH*: 7.5 - 8.5
Specific Gravity: 1.0
VOC: <6

*As determined by a glass electrode pH meter as a concentrate.

For industrial and institutional use only, not for retail sale. See SDS for complete product specifications.

Manufactured For:
FULTON DISTRIBUTING CO. Coachella, California 92236
 (760) 262 6200
 Fax (760) 262 6201

EPA Reg No. 47371-131-89325 HWS-64 LONZA LLC.