

Ultronics® Ultracare for Hands

Issue Date: December 2014

Internal Document Number: 48256A

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Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ultronics® Ultracare for Hands**Product Code(s):** 70020 (8 oz), 70012 (Pen Sprayer 12 Pack), 70224 (Pen Sprayer 24 Refill Pack)**Relevant identified uses of the mixture and uses advised against:** Ultracare for Hands is an alcohol free waterless antiseptic hand wash. Uses advised against: none noted.**Synonyms:** UL20**Distributed by:**


By Dentronix Inc.

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www.ultronicsusa.com

Section 2: HAZARDS IDENTIFICATION

Classifications: Not hazardous when used as intended.**Appearance:** Clear colorless to light amber solutions with a mild odor.**Contains:** Benzalkonium Chloride.**Route(s) of Exposure:** Dermal (skin/eye), Ingestion, Inhalation.**Other hazards which do not result in classification:** Repeated/prolonged contact may cause eye irritation. Inhalation may cause mucous membrane irritation. Ingestion may cause gastrointestinal discomfort including irritation, nausea and diarrhea.**PBT/vPvB Assessment:** This product does not contain persistent, bioaccumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB's).

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance (Synonyms)	CAS	Percent (w/w)
Benzalkonium Chloride	8001-54-5 / 263-080-8	0.10

Section 4: FIRST AID MEASURES

Inhalation: Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.**Eyes:** Rinse eyes with water. Remove any contact lenses and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.**Skin:** Stop use and ask a doctor if irritation or redness develops, or if condition persists for more than 72 hours..**Ingestion:** Give 3-4 glasses of water, but do not induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: This product is not combustibe. Use extinguishing media appropriate for surroundings.**Specific Hazards Arising from the Chemical:** None known.

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Protective Equipment and Precautions for Firefighters: Wear NIOSH approved self-contained breathing respirator in positive pressure mode.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate protective equipment stated in Section 8.

Methods for Containment and Clean-up: Absorb spills with vermiculite or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread.

Other Information: Prevent liquid from entering sewers or waterways.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Wear appropriate protective equipment stated in Section 8.

Conditions for Safe Storage, Including Incompatibilities: Keep container tightly closed. Keep away from heat, and sunlight. Storage temperature range: 5-30°C. If material freezes, gently thaw prior to use. Mild agitation may be required.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits: None.

Appropriate Engineering Controls: None when used as intended. Where exposure to bulk quantities at excessive temperatures are possible, use local ventilation to remove potential decomposition products.

Personal Protective Equipment (Eyes and Face): Wear safety glasses with side shields or goggles to protect eyes. Wear natural rubber gloves when routinely handling large quantities for solution.

Personal Protective Equipment (Skin): Normal working clothing is generally adequate.

Personal Protective Equipment (Respiratory): In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless to light amber solutions odor.

Odor: Mild odor.

Odor Threshold: no data

pH: 4-7

Melting Point: no data

Specific Gravity: 1.00 +/-0.02

Octanol / H₂O Coefficient (log K_{ow}): no data

Molecular Weight: no data

Auto Ignition: no data

Flash Point: no data

Vapor Density: no data

Viscosity: no data

VOC: no data

Boiling Point: 100°C

Solubility (H₂O): Soluble

Density: 8.3 lb/gal

Evaporation Rate: no data

Decomposition Temp: no data

LFL: no data

UFL: no data

Vapor Pressure: (25°C) no data

Flammability Class: no data

Section 10: STABILITY AND REACTIVITY

Chemical Stability: Stable.

Possibility of Hazardous Reactions: Will not undergo hazardous polymerization.

Conditions to Avoid: Avoid contact with heat.

Incompatibility: None known.

Hazardous Decomposition Products: Oxides of carbon and Nitrogen on combustion.

Section 11: TOXICOLOGICAL INFORMATION

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Likely Routes of Exposure: Dermal (Skin/Eye), Inhalation, Ingestion.

Acute Toxicity:

Acute Oral LD50 (OPPTS 870.1100): >5,000mg/kg

Acute Dermal LD50 (OPPTS 870.1100): >2,000 mg/kg

Acute Inhalation LC50: No data.

Sensitization: Not a sensitizer.

Carcinogenicity: This product does not contain any substances classified as carcinogens by NTP, ACGIH, IARC or OSHA.

Mutagenicity: Not a mutagen.

Reproductive Toxicity: No data.

Specific Target Organ Toxicity - Single Exposure (STOT-SE): No data.

Specific Target Organ Toxicity - Repeated or Prolonged Exposure (STOT-RE): No data.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: no data available

Persistence / Degradability: no data available

Aquatic Toxicity: no data available

Bioaccumulative Potential: no data available

Mobility in Soil: no data available

Other Adverse Effects: no data available

This product does not contain persistent, bioaccumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB's).

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Not considered a RCRA hazardous waste as identified in Fed. Reg. 40 CFR 261.

Additional Disposal Considerations: Keep away from natural water sources.

Section 14: TRANSPORT INFORMATION

Department of Transportation: Not hazardous for transportation.

Section 15: REGULATORY INFORMATION

SARA Sections 302 and 304: This product does not contain Extremely Hazardous Substances (EHS) and is not subject to emergency planning requirements.

CERCLA: This product does not contain CERCLA Hazardous Substances and is not subject to reporting requirements.

SARA Section 313: Substances within this product are not required to be reported in accordance with SARA 313 or the substances within are exempt by rules for "de minimis concentrations of a toxic chemical in a mixture" §372.38(a).

The following components appear on one or more of the following state hazardous substances list(s): not applicable

California Proposition 65: There are no chemicals within this mixture on the Proposition 65 List.

Canadian Regulations require the inclusion of the following statements under "Regulatory Information": This product has been classified in accordance with the hazard of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

International Inventories:

US (TSCA): The components within this product are included on the TSCA Inventory of Chemical Substances

Canada (DSL): All ingredients are on the inventory or exempt from listing.

Section 16: OTHER INFORMATION

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National Fire Protection Association (NFPA)

Hazardous Material Information System (HMIS®)

NFPA Ratings:

HMIS Ratings:

Health: 1

Health: 1

Fire: 0

Fire: 0

Reactivity: 0

Reactivity: 0

(NFPA and HMIS Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe)

REVISION HISTORY

REVISION	DATE	ECN#	CHG BY	APPR BY	DESC. OF CHANGE
A	12/30/2014	14568	SBL	SBL	Original Release

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