

Ultronics® Ultracare Disinfectant Cleaner / Deodorizer Concentrate

Revision Date: October 2014

Internal Document Number: 48255B

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Section 1: PRODUCT AND COMPANY IDENTIFICATION**Product Name:** Ultronics® Ultracare Disinfectant Cleaner / Deodorizer Concentrate**Product Code(s):** 70055, 70512, 70555, 70016, 70552**Relevant identified uses of the mixture and uses advised against:** Intended to be used for disinfecting instruments used in the hair and cosmetics industry. Uses advised against: None known.**Synonyms:** UL55**Distributed by:**

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Copies of this SDS can be found

www.ultronicsusa.com

Section 2: HAZARDS IDENTIFICATION**Classifications:** Skin Irritant Category 2, Eye Irritant Category 2, Aquatic Toxicity Category 3**Appearance:** Purple liquid, characteristic odor**Contains:** n-Alkyl dimethyl benzyl ammonium chloride (C12-C18), n-Alkyl dimethyl ethyl benzyl ammonium chloride (C12-C14)**Route(s) of Exposure:** Dermal (Eye/Skin), Inhalation, Ingestion

This product is a U.S. EPA Registered pesticide, and is subject to specific labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide products. FIFRA labels approved by EPA pre-empt OSHA's label requirements.

GHS Labeling Elements (This label has been approved by the EPA and will not be modified):**Hazard Category**

Skin Irritant Category 2
Eye irritant Category 2
Aquatic Toxicity Category 3

Signal Word:

DANGER

Hazard Statements:

H314: Causes severe skin burns and eye damage.
H302: Harmful if swallowed.
H401: Toxic to aquatic life.

**Prevention:**

Wash hands thoroughly after handling. Wear eye protection.

Response:

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 advice/attention

Storage:

Store locked up.

Disposal:

Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

Other Hazards: Hazardous for the environment.

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Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS	Percent (w/w%)
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	68391-01-5	2.37
n-Alkyl dimethyl ethyl benzyl ammonium chloride (C12-C14)	68956-79-1	2.37

Section 4: FIRST AID MEASURES

Inhalation: Remove victim to fresh air and monitor. Seek medical advice if irritation persists.

Eyes: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

Section 5: FIRE FIGHTING MEASURES

Extinguishing Media: If material involved in fire: extinguish fire using agent suitable for type of surrounding fire. Cool all affected containers with flooding quantities of water. Apply water from as far a distance as possible.

Specific Hazards Arising from the Chemical: None.

Protective Equipment and Precautions for Firefighters: Standard protection for all firefighters stated in this subsection of the SDS text should include self-contained breathing apparatus (SCBA) and full firefighting turn-out gear (Bunker gear).

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Use personal protection recommended in Section 8.

Methods for Containment and Clean-up:

Small Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Large Spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

General Procedures: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walkthrough spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other noncombustible material and transfer to containers.

Other Information: None noted.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Store locked up. In addition, consider the following: store away from children, keep container closed. Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage, Including Incompatibilities: Store at ambient temperatures.

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Component Exposure Limits:** None.**Appropriate Engineering Controls:** Sufficient exhaust & general ventilation should be provided to keep vapor concentration below recommended levels.**Personal Protective Equipment (Eyes and Face):** Wear safety goggles or face shield.**Personal Protective Equipment (Skin):** Rubber or other chemical resistant gloves. Rubber boots if used on floors. Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.**Personal Protective Equipment (Respiratory):** Where danger of mist contact may occur, wear NIOSH approved respiratory protection for mists.**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Purple, liquid	Viscosity:	No data
Odor:	Mild	Odor Threshold:	No data
pH:	11.5-12.5	Boiling Point:	212° F; 100° C
Melting Point:	No data	Solubility (H ₂ O):	Soluble
Specific Gravity:	1.039 grams/ml.	Density:	8.66 lbs/gallon
Octanol / H ₂ O Coefficient:	No data	Evaporation Rate:	1
Molecular Weight:	No data	Decomposition Temp:	No data
Auto Ignition:	No data	LFL:	No data
Flash Point:	Not applicable	UFL:	No data
Vapor Density:	Approximately 1	Vapor Pressure:	20
VOC:	No data	Flammability Class:	No data

Section 10: STABILITY AND REACTIVITY**Reactivity:** Reactive with oxidizing agents and acids.**Chemical Stability:** Chemically stable.**Possibility of Hazardous Reactions:** This product is not known to be susceptible to chemical reactions that can result in undesirable effect(s).**Conditions to Avoid:** Oxidizing materials.**Incompatibility:** Strong acids and oxidizers.**Hazardous Decomposition Products:** Not established.**Section 11: TOXICOLOGICAL INFORMATION****Likely Routes of Exposure:** Dermal (Eye/Skin), Ingestion and Inhalation**Hazardous Components:** n-Alkyl dimethyl benzyl ammonium chloride (C12-C18), n-Alkyl dimethyl ethyl benzyl ammonium chloride (C12-C14)**Toxicity:** Dermal LD50: > 2000 mg/kg male and female rabbits. Oral LD50: > 1890 mg/kg Male and Female rats.

Substance	Oral LD50	Dermal LD 50
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	> 1890 mg/kg	> 2000 mg/kg
n-Alkyl dimethyl ethyl benzyl ammonium chloride (C12-C14)	> 500	> 2000

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Inhalation: Will cause severe irritation, possible burns with pulmonary edema, which may lead to pneumonitis.

Skin: Contact with this material may cause severe irritation and corrosion of tissue.

Eye Contact: Can cause severe irritation, corrosion with possible corneal damage and blindness.

Ingestion: May cause irritation, corrosion/ulceration, nausea, and vomiting.

Sensitization: Not Available.

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

Mutagenicity: Not Available.

Reproductive Toxicity: Not Available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

Persistence / Degradability: Not available.

Bioaccumulative Potential: Not Available.

Mobility in Soil: Moderate to high mobility in soil.

Other Adverse Effects: None known.

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: Dispose of in accordance with federal, state and local regulations.

Additional Disposal Considerations: Dispose if shelf-life has been exceeded.

Section 14: TRANSPORT INFORMATION

Not hazardous for transportation according to the following authorities: DOT (Department Of Transportation), Air (ICAO/IATA), Vessel (IMO/IMDG), Canada Transport Of Dangerous Goods.

Section 15: REGULATORY INFORMATION

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): Regulated.

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EPA Registration Number: 61178-1-63562

EPA Establishment Number: 061584-OH-001

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

SARA Section 311/312 Hazard Categories: Health – Acute.

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).

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

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National and 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.

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 criteria of the controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Section 16: OTHER INFORMATION

NFPA Ratings:

Health: 3
 Fire: 0
 Reactivity: 0

HMIS Ratings:

Health: 3
 Fire: 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	10/03/14	14425	TG	SBL	Updated MSDS to GHS/SDS Format.48255 Revision A supersedes 48000 revision H.
B	10/28/14	14488	SBL	JD	Modified address in Section 1.

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Dentronix, Inc. however, makes no representations as to the completeness of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Dentronix, Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.