

# Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200 Standard must be  
consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

P/N 48000D

IDENTITY (as Used on Label and List) Ultracare Disinfectant Cleaner/Deodorizer Concentrate	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I

Manufacturer's Name <b>ULTRONICS</b>	Emergency Telephone Number 201-512-8003
Address (Number, Street, City, State, and Zip Code) 750 Corporate Drive	Telephone Number for Information 201-512-8003
Mahwah, NJ 07430	Date Prepared June 16, 1997
	Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
1. Dual-Quaternary Ammonium Compound				
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride				
n-Alkyl (68% C12, 32% C14) dimethylethyl benzyl ammonium chloride				
2. Ethyl Alcohol	1000 ppm	1000 ppm		

## Section III - Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity ( $H_2O = 1$ )	1.0390
Vapor Pressure (mm Hg.)	22.3	Melting Point	N/A
Vapor Density (AIR = 1) (lb/ft <sup>3</sup> )	0.02	Evaporation Rate (Butyl Acetate = 1)	0.4

Solubility in Water

Completely miscible

Appearance and Odor

Concentrate - Purple, transparent liquid with slightly pungent scent

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Non-flammable (tag closed cup) No flashpoint below 200°F	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards N/A			

## Section V - Reactivity Data

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Stability	Unstable		Conditions to Avoid None Known
	Stable	X	

Incompatibility (Materials to Avoid)	None Known		
Hazardous Decomposition or Byproducts			

Hazardous Polymerization	May Occur		Conditions to Avoid None Known
	Will Not Occur	X	

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Most likely routes of entry are eye and skin.		Only if swallowed

Health Hazards (Acute and Chronic)
For concentrate - Oral LD50: 5g/kg (RAT). Dermal LD50 (RABBIT): > 2.0g/kg. Skin Irritation (RABBIT): Not corrosive. Eye irritation (RABBIT): 0.1ml without washing produced severe irritation not reversible. However, the product produces practically no eye irritation when tested at a concentration more typical of use (1:42 or 1:64). Not a skin sensitizer in guinea pigs when tested by the Buehler sensitization contact allergy method.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	Not listed

Signs and Symptoms of Exposure	Direct skin contact can cause moderate to severe redness and swelling. Direct eye contact can cause damage.
Solvent vapors may irritate mucous membranes.	

Medical Conditions
Generally Aggravated by Exposure

None Known
Emergency and First Aid Procedures

Eyes - flush with water 15 minutes - contact physician. Skin -wash area with large amounts of water and soap for 15 minutes.
for 15 minutes.

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Caution, floors may become slippery. For large spills, wear appropriate protective clothing and like for recovery of disposal. For small spills, absorption sand or vermiculite and place in compatible chemical container for disposal.

Waste Disposal Method
Dispose of in compliance with all federal, state and local laws and regulations.

Precautions to be Taken in Handling and Storing
Store upright, indoors in a clean, organized area. Make certain seals are firmly closed.

Other Precautions
N/A

## Section VIII - Control Measures

Respiratory Protection (Specify Type)
Product is not administered as a vapor. If product is misused wear Nioch Respirator.

Ventilation Polymerization	Local Exhaust	N/A	Special	None
	Mechanical (General)	X	Other	N/A

Protective Gloves	Rubber or Neoprene	Eye Protection	Chemical goggles or face shield
Other Protective Clothing or Equipment			

Protective clothing, eye wash, shower
Work/Hygenic Practices

N/A
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