

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: ULTRA Q128		WHMIS Classification: SLIGHT	
Product Use: CLEANER DISINFECTANT HOSPITAL GRADE			
Manufacturer's Name: ULTRA CHEM INDUSTRIES LTD		Supplies Name	
Street Address: Unit 1 - 7107 Venture Street		Street Address	
City: DELTA	Province / State: B.C.	City	Province
Postal Code: V4G 1H7	Emergency Telephone: 1-800-535-5053	Postal Code	Emergency Telephone
Date MSDS Prepared: JANUARY 2008	MSDS Prepared by: ULTRA CHEM INDUSTRIES LTD		Phone Number: 1-604-946-8357

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS Number	LD ₅₀ of Ingredient <i>(specify species and route)</i>	LC ₅₀ of Ingredient <i>(specify species)</i>
n-Alkyl dimethyl benzyl ammonium chlorides (BYC 2125 M)(1839-83)	4.5	68391-01-5	N/AV	7000 mg/kg (oral, rat)
n-Alkyl dimethyl ethylbenzyl ammonium chlorides (BTC 2125)(1839-83)	4.5	68956-79-6	250 mg/kg (oral, rat)	7000 mg/kg (oral, rat)
Sodium carbonate	0.5	497-19-8	2800 mg/kg (oral, rat)	N/AV
Tetrasodium salt of ethylene diaminetetracetic acid	5	64-02-8	N/AV	N/AV
C9-C11 Linear primary alcohol ethoxyate	1-5	68439-46-3	1400 mg/kg (oral, rat)	N/AV

SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols] <div style="text-align: center; margin-top: 10px;"> </div>
[Potential Health Effects] prolonged exposure causes irritation to skin and membranes

SECTION 4 - FIRST AID MEASURES

Eye Contact	Flush with copious amounts of potable water for at least 15 minutes.. If irritation persists seek medical attention immediately.
Eye Contact	Flush with copious amounts of potable water for at least 15 minutes.. If irritation persists seek medical attention immediately.
Inhalation	
Ingestion	Drink a milk-egg white-gelatin solution. If not available, drink copious quantities of water. Do not induce vomiting. Seek Medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If yes, under which conditions?	
Means of Extinction As for surrounding Fire. Normal Fire - Fighting Procedures			
Flashpoint (°C) and Method None	Upper Flammable Limit (% by volume) N/AV	Lower Flammable Limit (% by volume) N/AV	
Autoignition Temperature (°C) NONE	Explosion Data - Sensitivity to Impact N/AP	Explosion Data - Sensivity to Static Discharge N/AP	
Hazardous Combustion Products NONE			
[NFPA] NONE			

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures
Soak up with absorbent material and put into drums. Flush residue with water.

SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment skin contact. Avoid breathing vapors	Avoid
Storage Requirements Keep container closed when not in use.	

SECTION 8 - EXPOSURE CONTROL / PERSONAL PRETECTION

Exposure Limits N/AV <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (specify)
Specific Engineering Controls (such as ventilation enclosed process) Normal ventilation
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Rubber or neoprene not normally required. Chemical splash goggles. Footwear: Rubber Clothing: Impervious protective clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Liquid	Odour and Appearance Clear Green liquid	Odour Threshold (ppm) N/AP
Specific Gravity 1.04	Vapour Density (air = 1) 1.5	Vapour Pressure (mmHg) 5.87 Kpa
Evaporation Rate 1.7	Boiling Point (°C) >100°C	Freezing Point (°C) <2°C
pH 8.3	Coefficient of Water / Oil Distribution 100% water soluble	[Solubility in Water] 100%

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If no, under which conditions?
Incompatibility with Other Substances <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, which ones? Strong oxidizing agents, soaps, anionic surfactants
Reactivity, and under what conditions? Not known	
Hazardous Decomposition Products Will not occur.	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure skin irritation	eye and
Effects of Chronic Exposure Prolonged exposue causes irritation to skin and membranes.	
Irritancy of Product contact with eyes / skin	
Skin Sensitization 2% solution not skin sensitive	Respiratory Sensitization
Carcinogenicity -IARC No	Carcinogenicity - ACGIH No
Reproductive Toxicity N/A	Teratogenicity N/AV
Embryotoxicity	Mutagenicity N/AV
Name of Synergistic Products / Effects N/AV	

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity Mobility: N/A Persistence: N/A Bioaccumulative: N/A

Aquatic Toxicity: Acute fish toxicity. LD₅₀=138 mg/L/96 hours. Mosquito fish

Acute Crustaceans Toxicity= N/A Acute Algae Toxicity= N/A

BOD and COD = N/A. Other information: Material is practically non toxic to fish on an acute basis.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal

According to local, provincial and federal government requirements

SECTION 14 - TRANSPORT INFORMATION

Special Shipping Information Normal procedures. Keep from freezing.

PIN

TDG N/AP

[DOT]

[IMO]

[ICAO]

SECTION 15 - REGULATORY INFORMATION

[WHMIS Classification] Class E. Corrosive Material



[OSHA]

[SERA]

[TSCA]

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR

SECTION 16 - OTHER INFORMATION

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.