

# MATERIAL SAFETY DATA SHEET


## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

| HZAARDOUSE INGREDIENTS   | %   | CAS Number | LD <sub>50</sub> of Ingredient<br>(specify species and route) | LC <sub>50</sub> of Ingredient<br>(specify species) |
|--|-----|------------|---|---|
| n-Alkyl dimethyl benzyl ammonium chlorides<br>(BYC 2125 M)(1839-83)    | 4.5 | 68391-01-5 | N/AV  | 7000 mg/kg (oral, rat)                              |
| n-Alkyl dimethyl ethylbenzyl ammonium chlorides<br>(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<br>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  |
| Water  | 83% | 7732-18    | N/AV  | 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]  |  |   |   |  |   |
|       |  |   |   |  |   |
| [Potential Health Effects]<br>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<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | If yes, under which conditions?                |  |
| Means of Extinction<br>As for surrounding Fire. Normal Fire - Fighting Procedures |  |  |
| Flashpoint (°C) and Method<br>None  | Upper Flammable Limit (% by volume)<br>N/AV    | Lower Flammable Limit (% by volume)<br>N/AV              |
| Autoignition Temperature (°C)<br>NONE   | Explosion Data - Sensitivity to Impact<br>N/AP | Explosion Data - Sensitivity to Static Discharge<br>N/AP |
| Hazardous Combustion Products<br>NONE   |  |  |
| [NFPA]<br>NONE  |  |  |

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

|  |
|--|
| Leak and Spill Procedures<br>Soak up with absorbent material and put into drums. Flush residue with water. |
|--|

**SECTION 7 - HANDLING AND STORAGE**

|   |       |
|---|-------|
| Handling Procedures and Equipment<br>skin contact. Avoid breathing vapors | Avoid |
| Storage Requirements<br>Keep container closed when not in use.            |       |

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

|   |          |
|---|----------|
| Exposure Limits<br>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)<br>Normal ventilation  |          |
| Personal Protective Equipment<br><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<br>Rubber or neoprene<br>not normally required.<br>splash goggles.<br>Footwear: Rubber<br>Clothing: Impervious protective clothing.   | Chemical |

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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

**SECTION 10 - STABILITY AND REACTIVITY**

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

**SECTION 11 - TOXICOLOGICAL INFORMATION**

|  |                           |         |
|--|---------------------------|---------|
| Effects of Acute Exposure                                  |                           | eye and |
| skin irritation  |                           |         |
|  |                           |         |
|  |                           |         |
| Effects of Chronic Exposure                                |                           |         |
| Prolonged exposue causes irritation to skin and membranes. |                           |         |
|  |                           |         |
|  |                           |         |
|  |                           |         |
| Irritancy of Product                                       |                           |         |
| contact with eyes / skin                                   |                           |         |
| Skin Sensitization   | Respiratory Sensitization |         |
| 2% solution not skin sensitive                             |                           |         |
| Carcinogenicity -IARC                                      | Carcinogenicity - ACGIH   |         |
| No   | No                        |         |
| Reproductive Toxicity                                      | Teratogenicity            |         |
| N/A  | 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. LD<sub>50</sub>=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.