

# MATERIAL SAFETY DATA SHEET



## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: <b>ULTRA FLOOR CARE / NEUTRALIZER</b>		WHMIS Classification: <b>SLIGHT</b>	
Product Use: <b>Floor Care and Carpet Care alkali Neutralizer</b>			
Manufacturer's Name: <b>ULTRA CHEM INDUSTRIES LTD</b>		Supplies Name	
Street Address: <b>Unit 1 - 7107 Venture Street</b>		Street Address	
City: <b>DELTA</b>	Province:/ State <b>B.C.</b>	City	Province
Postal Code: <b>V4G 1H7</b>	Emergency Telephone: <b>1-800-535-5053</b>	Postal Code	Emergency Telephone
Date MSDS Prepared: <b>APRIL 2008</b>		MSDS Prepared by: <b>ULTRA CHEM INDUSTRIES LTD</b>	
		Phone Number: <b>1-604-946-8357</b>	

## SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients ( <i>specific</i> )	%	CAS Number	LD <sub>50</sub> of Ingredient ( <i>specify species and route</i> )	LC <sub>50</sub> of Ingredient ( <i>specify species</i> )
CITRIC ACID (FOOD GRADE)	27	77-92-9	N/AP	N/AP
MALIC ACID (FOOD GRADE)	10	6915-15-7	N/AP	N/AP
WATER	63	7732-18	N/AP	N/AV

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> inhalation <input checked="" type="checkbox"/> Ingestion	
[Emergency Overview]	
[WHMIS Symbols]  	
[Potential Health Effects] May cause burns to exposed tissue.	

## SECTION 4 - FIRST AID MEASURES

Skin Contact Wash with soap and water. If irritation persists seek medical attention	
Eye Contact Flush with copious amounts of potable water for 15 minutes. Seek medical attention immediately.	
Inhalation: to fresh air. If discomfort persists obtain medical attention.	Remove
Ingestion Rinse mouth with water. NO NOT INDUCE vomiting. Seek Medical Attention	

**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/AP	Lower Flammable Limit (% by volume) N/AP
Autoignition Temperature (°C) N/AV	Explosion Data - Sensitivity to Impact N0	Explosion Data - Sensivity to Static Discharge N0
Hazardous Combustion Products REACT WITH METALS TO PRODUCE HYDROGEN GAS WHICH IS FLAMMABLE [NFPA] NONE		CAN

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Leak and Spill Procedures USE APPROPRIATE SAFETY EQUIPMENT, DIKE AREA, COLLECT FOR DISPOSAL
--

**SECTION 7 - HANDLING AND STORAGE**

Handling Procedures and Equipment AVOID CONTACT WITH METALS, WEAR IMPERVIOUS CLOTHING USE ADEQUATE VENTILATION
Storage Requirements COOL, DRY, WELL VENTILATED AREA

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

Exposure Limits <input checked="" type="checkbox"/> N/AV <input checked="" type="checkbox"/> ACGIH TLV <input checked="" type="checkbox"/> OSHA PEL <input type="checkbox"/> Other ( <i>specify</i> )
Specific Engineering Controls (such as ventilation enclosed process) Normal ventilation
Personal Protective Equipment <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Respirator <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Footwear <input checked="" type="checkbox"/> Clothing <input checked="" type="checkbox"/> Other
If checked, please specify type Neoprene OR Rubber Safety glasses or goggles. Impervious

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State <b>Liquid</b>	Odour and Appearance <b>light green odorless liquid</b>	Odour Threshold (ppm) <b>N/AP</b>
Specific Gravity <b>1.3</b>	Vapour Density (air = 1) <b>&lt; 1</b>	Vapour Pressure (mmHg) <b>8.2</b>
Evaporation Rate <b>N/AV</b>	Boiling Point (°C) <b>&gt;100°C</b>	Freezing Point (°C) <b>&lt;0°C</b>
pH: <b>3.0±0.8</b>	Coefficient of Water / Oil Distribution <b>N/AP</b>	[Solubility in Water]

**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? <b>Strong oxidizing agents</b>
Reactivity, and under what conditions? <b>Flammable hydrogen gas may be produced on contact with metals such as aluminum, tin, lead, zinc</b>	
Hazardous Decomposition Products <b>None</b>	

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure <b>Slightly toxic on skin. Corrosive upon eye contact</b>	
Effects of Chronic Exposure <b>May cause burns to exposed tissue</b>	
Irritancy of Product <b>contact with eyes / skin</b>	
Skin Sensitization <b>N/AV</b>	Respiratory Sensitization
Carcinogenicity -IARC <b>No</b>	Carcinogenicity - ACGIH <b>No</b>
Reproductive Toxicity <b>N/A</b>	Teratogenicity <b>N/A</b>
Embryotoxicity	Mutagenicity <b>No genetic change in standard test using bacterial cells</b>
Name of Synergistic Products / Effects <b>N/AV</b>	

**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 D Div 2 Materials causing other toxic effects and Class E Corrosive Materials



[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.