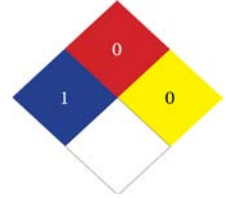


# MATERIAL SAFETY DATA SHEET



## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: <b>GLASS &amp; SURFACE CLEANER 3D</b>		WHMIS Classification: <b>MINIMAL</b>	
Product Use: <b>Cleaner and Restorer</b>			
Manufacturer's Name: <b>ULTRA CHEM USA INC.</b>		Suppliers Name	
Street Address: <b>1462 E. MISSION BOULEVARD</b>		Street Address	
City: <b>POMONA</b>	Province / State <b>CA</b>	City	Province
Postal Code: <b>91766</b>	Emergency Telephone: <b>1-800-535-5053</b>	Postal Code	Emergency Telephone
Date MSDS Prepared: <b>JULY 2011</b>	MSDS Prepared by: <b>ULTRA CHEM USA INC.</b>		Phone Number: <b>909-620-0949</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> )
C9-C11 Linear Primary alcohol Ethoxylate	2	68439-46-3	1400 mg/kg (oral, rat)	N/AV
Potassium Hydroxide	1	1310-58-3	365 mg/kg (oral, rat)	N/AV
Propylene Glycol	2	57-55-6	20g/kg (oral, rat)	N/AV
Water	95	7732-18-5	N/AV	N/AV

## SECTION 3 - HAZARDS IDENTIFICATION

Route of Entry <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input checked="" type="checkbox"/> inhalation <input type="checkbox"/> Ingestion
[Emergency Overview]
[WHMIS Symbols] 
[Potential Health Effects] prolonged exposure may cause skin defatting or Dermatitis

## SECTION 4 - FIRST AID MEASURES

Skin Contact Flush with copious amounts of potable water. If irritation persists seek medical attention
Eye Contact Flush with copious amounts of potable water. If irritation persists seek medical attention
Inhalation N/AP
Ingestion Drink 3-4 glasses of MILK or WATER. DO 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 N/AP	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP	
Autoignition Temperature (°C) N/AP	Explosion Data - Sensivity to Impact N/AP	Explosion Data - Sensivity to Static Discharge N/AP	
Hazardous Combustion Products Oxides of Carbon			
[NFPA] NONE			

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures  
 Rinse with water and let dry

### SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment  
 Normal Procedures. Keep from freezing

Storage Requirements  
 Store in well ventilated area. Recommended temperature 15°C

### SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits  
 N/AV     ACGIH TLV     OSHA PEL     Other (specify)

Specific Engineering Controls (such as ventilation enclosed process)  
 Normal ventilation

Personal Protective Equipment  
 Gloves     Respirator     Eye     Footwear     Clothing     Other

If checked, please specify type  
 Rubber or neoprene  
 For spills or overexposure NIOSH Approved, organic vapour cartridges.  
 Chemical splash goggles.  
 Impervious

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State <b>Liquid</b>	Odour and Appearance <b>Natural odour. Blue color</b>	Odour Threshold (ppm)
Specific Gravity <b>1.02 + 0.01</b>	Vapour Density (air = 1) <b>4.1</b>	Vapour Pressure (mmHg) <b>1.7 mmHg</b>
Evaporation Rate <b>0.22</b>	Boiling Point (°C) <b>&gt;100°C</b>	Freezing Point (°C) <b>&lt;0°C</b>
pH <b>9.0±0.5</b>	Coefficient of Water / Oil Distribution <b>100% water soluble</b>	[Solubility in Water] <b>100%</b>

**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, strong acids</b>
Reactivity, and under what conditions? <b>None</b>	
Hazardous Decomposition Products <b>None</b>	

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure <b>Eye, contact. May cause irritation</b>	
<b>Ingestion may cause irritation to mouth &amp; throat &amp; alimentary tract</b>	
Effects of Chronic Exposure <b>Prolonged exposure may cause skin defatting or Dermatitis</b>	
Irritancy of Product <b>contact with eyes</b>	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity -IARC <b>No</b>	Carcinogenicity - ACGIH <b>No</b>
Reproductive Toxicity <b>N/A</b>	Teratogenicity <b>N/A</b>
Embryotoxicity <b>N/A</b>	Mutagenicity <b>N/A</b>

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**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

PIN

TDG

[DOT]

[IMO]

[ICAO]

**SECTION 15 - REGULATORY INFORMATION**

[WHMIS Classification] Class D Div 2 Materials Causing Other Toxic Effects



[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.