

MATERIAL SAFETY DATA SHEET


SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: GLASS & SURFACE CLEANER		WHMIS Classification: MINIMAL	
Product Use: Cleaner and Restorer			
Manufacturer's Name: ULTRA CHEM USA INC.		Suppliers Name	
Street Address: 1462 E. MISSION BOULEVARD		Street Address	
City: POMONA	Province / State CA	City	Province
Postal Code: 91766	Emergency Telephone: 1-800-535-5053	Postal Code	Emergency Telephone
Date MSDS Prepared: AUGUST 2009		MSDS Prepared by: ULTRA CHEM USA INC.	Phone Number: 909-620-0949

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients (<i>specific</i>)	%	CAS Number	LD ₅₀ of Ingredient (<i>specify species and route</i>)	LC ₅₀ 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
Fragrance	0.01	N/AP	N/AP	N/AP

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] 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
Ingestion
Drink 3-4 glasses of MILK or 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 N/AP	Upper Flammable Limit (% by volume) N/AP	Lower Flammable Limit (% by volume) N/AP
Autoignition Temperature (°C) N/AP	Explosion Data - Sensitivity 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 <input checked="" type="checkbox"/> N/AV <input type="checkbox"/> ACGIH TLV <input 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 type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> 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 Liquid	Odour and Appearance Natural citrus odour. Yellow color	Odour Threshold (ppm)
Specific Gravity 1.02 + 0.01	Vapour Density (air = 1) 4.1	Vapour Pressure (mmHg) 1.7 mmHg
Evaporation Rate 0.22	Boiling Point (°C) >100°C	Freezing Point (°C) <0°C
pH 9.5 + 0.5 at 1% sol	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, strong acids
Reactivity, and under what conditions? None	
Hazardous Decomposition Products None	

SECTION 11 - TOXICOLOGICAL INFORMATION

Effects of Acute Exposure Inhalation, eye, skin contact. May cause irritation	
Ingestion may cause irritation to mouth & throat & alimentary tract	
Effects of Chronic Exposure Prolonged exposue may cause skin defatting or Dermatitis	
Irritancy of Product contact with eyes / skin	
Skin Sensitization	Respiratory Sensitization
Carcinogenicity -IARC No	Carcinogenicity - ACGIH No
Reproductive Toxicity N/A	Teratogenicity N/A
Embryotoxicity	Mutagenicity N/A
Name of Synergistic Products / Effects N/A	

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

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.