

MATERIAL SAFETY DATA SHEET


SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: ULTRA MARBLE HARDENER		WHMIS Classification: SLIGHT	
Product Use: POWDERED MARBLE TREATMENT			
Manufacturer's Name: ULTRA CHEM USA INC.		Suppliers Name	
Street Address: 1462 E. MISSION BOULEVARD		Street Address	
City: POMONA	Province / State: CA	City	Province
Zip Code: 91766	Emergency Telephone: 1-800-535-5053	Postal Code	Emergency Telephone
Date MSDS Prepared: APRIL 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>)
CALICUM ALUMINUM ETHANEDIOIC ACID	10	144-62-7	375 mg/kg (oral, rat)	N/AV
FATTY ACID ALUMINUM SALT	90	Not regulated	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] <div style="text-align: center;"></div>
[Potential Health Effects] prolonged contact may cause liver/kidney problems

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 Remove to fresh air. Give artificial respiration if victim is not breathing or if breathing is difficult. If discomfort persists, seek medical attention.
Ingestion Do not induce vomiting. If unconscious or convulsing, do not give anything by mouth. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, under which conditions? Sparks, open flam and excessive heat	
Means of Extinction Carbon dioxide, dry chemical, foam water fog.		
Flashpoint (°C) and Method None	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 NO
Hazardous Combustion Products carbon monoxide formic acid		
[NFPA] moderate		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures Sweep up and shovel into DOT approved waste containers.
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SECTION 7 - HANDLING AND STORAGE

Handling Procedures and Equipment container tightly closed when not in use.	Keep
Storage Requirements Cool Dry areas, well ventilated place. Keep away from other chemicals and poitential sources of contamination.	

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 (specify)
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 Dust mask Chemical splash goggles. Footwear: Impervious Clothing: Impervious

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State Powder	Odour and Appearance Odorless white powder	Odour Threshold (ppm) N/AP
Specific Gravity N/AP	Vapour Density (air = 1) N/AP	Vapour Pressure (mmHg) N/AP
Evaporation Rate N/AP	Boiling Point (°C) N/AP	Freezing Point (°C) N/AP
pH 6.6	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? oxidizing agents
Reactivity, and under what conditions? Excessive heat, sparks and open flame	
Hazardous Decomposition Products carbon monoxide formic acid	

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 liver/kidney problems.	
Irritancy of Product Severe eye and skin irritant	
Skin Sensitization May cause burns	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]

[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.