

SAFETY DATA SHEET



Date Issued : 8/28/2012
MSDS No : 10-001.7
Date-Revised : 9/26/2012
Revision No : 9

UltraCal® XS

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: UltraCal® XS
PRODUCT DESCRIPTION: Calcium Hydroxide Paste
PRODUCT CODE/ PART #: CX/41711

MANUFACTURER

Ultradent Products, Inc.
505 W. 10200 S.
South Jordan, UT 84095

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (NORTH AMERICA) :(800) 424 - 9300
(INTERNATIONAL) :+1(703) 527 - 3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Wt.%
Calcium Hydroxide	1305-62-0	215-137-3	C; R36/38	35
Barium Sulfate	7727-43-7	231-784-4	R 36/38	20

(Full text of R-Phrases can be found under heading 16)

3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION

"C" - Corrosive
R36/38: Irritating to eyes and skin.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: White paste
IMMEDIATE CONCERNS: R36/38: Irritating to eyes and skin.

POTENTIAL HEALTH EFFECTS

EYES: Causes eye burns.
SKIN: Causes skin burns.
INHALATION: None expected for this product.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Corrosive, causes skin burning.
INGESTION: Ingestion of this material can cause mouth, throat, esophageal, and gastrointestinal tract irritation.

4. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

SKIN: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

INGESTION: If swallowed, rinse mouth with water, Do NOT Induce Vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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INHALATION: No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

FIRE FIGHTING EQUIPMENT: Non-combustible.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

LARGE SPILL: Collect in tightly closed containers.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow to enter sewers or drains that may lead to waterways.

7. HANDLING AND STORAGE

HANDLING: Use suitable protective equipment.

STORAGE: Room Temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: S51: Use only in well-ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Paste

ODOR: Odorless or no characteristic odor

COLOR: White

pH: 12.0 to 13.0

10. STABILITY AND REACTIVITY

STABILITY: Stable when stored and handled under recommended conditions.

CONDITIONS TO AVOID: Acidic conditions.

INCOMPATIBLE MATERIALS: Strong acids, metals

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes eye burns.

SKIN EFFECTS: Causes skin burns.

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12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Biodegradability - Not established
ECOTOXICOLOGICAL INFORMATION: Not yet Determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in compliance with governmental regulation. (EC 1975L0442-20/11/2003)

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Corrosive liquid, basic inorganic, N.O.S. (Calcium hydroxide mixture)

HAZARD CLASS: 8

PACKING GROUP: III

AIR (ICAO/IATA)

SHIPPING NAME: Corrosive liquid, basic inorganic, N.O.S. (Calcium hydroxide mixture)

UN/NA NUMBER: 3266

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

VESSEL (IMO/IMDG)

SHIPPING NAME: Corrosive liquid, basic inorganic, N.O.S. (Calcium hydroxide mixture)

UN/NA NUMBER: 3266

PRIMARY HAZARD CLASS/DIVISION: 8

PACKING GROUP: III

LIMITED QUANTITY: 1 L

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"C" - Corrosive
R36/38: Irritating to eyes and skin.

16. OTHER INFORMATION

RELEVANT R-PHRASES: R36/38: Irritating to eyes and skin.

PREPARED BY: Anu Kattoju

REVISION SUMMARY: This MSDS replaces the 11/16/2010 MSDS. Revised: **Section 1:** Date Issued, PREPARED BY, PRODUCT CODE/ PART #. **Section 2:** POTENTIAL HEALTH EFFECTS - INHALATION. **Section 4:** INHALATION. **Section 9:** pH. **Section 11:** EYE EFFECTS, SKIN EFFECTS.

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