

# SAFETY DATA SHEET

**ULTRADENT<sup>®</sup>**  
PRODUCTS, INC.

Date Issued: 10/30/2006  
MSDS No: 66-001.2  
Date-Revised: 02/13/2007  
Revision No: 1

## Viscostat® Clear

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

**PRODUCT NAME:** Viscostat® Clear  
**PRODUCT DESCRIPTION:** Hemostat Solution

#### MANUFACTURER

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

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

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

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Classification	Content
Aluminum Chloride Hexahydrate	007446-70-0	231-208-1	C; R34	45.2
Sodium borate	001330-43-4	215-540-4	Xi; R36/37/38	0.93

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

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESIGNATION

"C" - Corrosive  
"Xi" - Irritant  
R36/37: Irritating to eyes and respiratory system.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Causes eye irritation.  
**SKIN:** Causes skin irritation.  
**INGESTION:** Irritating to mouth, throat and stomach.

### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.  
**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.  
**INGESTION:** Get medical attention immediately.  
**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**FIRE FIGHTING PROCEDURES:** Not Applicable

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**FIRE FIGHTING EQUIPMENT:** Not Applicable

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wipe up small amounts with chemical resistant or damp rag which is washed with large amounts of water after each use. After cleaning, flush away traces with water.

**LARGE SPILL:** After removal, flush contaminated area thoroughly with water.

#### 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 eye protection.

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

**RESPIRATORY:** S38: In case of insufficient ventilation, wear suitable respiratory equipment.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Boiling Point (°C)	Solubility in Water
Aluminum Chloride Hexahydrate	180	Completely

**PHYSICAL STATE:** Gel

**ODOR:** Odorless or no characteristic odor

**APPEARANCE:** Clear

**COLOR:** Colorless to slight yellow

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

### 11. TOXICOLOGICAL INFORMATION

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### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)
Aluminum Chloride Hexahydrate	3810

**EYE EFFECTS:** May cause mild irritation.

**SKIN EFFECTS:** May cause slight irritation.

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 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)

**HAZARD CLASS:** 8

**PACKING GROUP:** III

**LABEL:** 223

#### AIR (ICAO/IATA)

**UN/NA NUMBER:** 2581

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** III

#### VESSEL (IMO/IMDG)

**UN/NA NUMBER:** 2581

**PRIMARY HAZARD CLASS/DIVISION:** 8

**PACKING GROUP:** III

**LIMITED QUANTITY:** 5 L

### 15. REGULATORY INFORMATION

#### EUROPEAN COMMUNITY

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### EEC LABEL SYMBOL AND CLASSIFICATION



"C" - Corrosive  
S37/39: Wear suitable gloves and eye/face protection.



"Xi" - Irritant  
R36/37: Irritating to eyes and respiratory system.

### 16. OTHER INFORMATION

**RELEVANT R-PHRASES:**R34: Causes burns.  
R36/37/38: Irritating to eyes, respiratory system and skin.

**PREPARED BY:** Iris McCallister

**REVISION SUMMARY:** Revision #: 1 This MSDS replaces the November 20, 2006 MSDS. Any changes in information are as follows: In Section 1 MSDS Number

**MANUFACTURER DISCLAIMER: FOR DENTAL USE ONLY:** Use as directed.

The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Ultradent Products, Inc., makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.