

**SAFETY DATA SHEET**

according to Regulation (EC) No. 453/2010

Dental Use



Date Issued : 10/20/2009  
 SDS No : 119-001.4  
 Date Revised : 11/6/2014  
 Revision No : 3

**Viscostat® Plus****SECTION 1 : Identification of the substance/preparation and of the company/undertaking****1.1. Product identifier**

**Product code** : VT/73200  
**Product name** : Viscostat® Plus  
**Product description** : Hemostatic coagulative gel

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Relevant identified uses** : Professional Dental Hemostatic Agent

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

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

**Distributor**

Ultradent Products GmbH  
 Am Westhover Berg 30  
 51149 Cologne Germany  
 Email: infoDE@ultradent.com  
**Emergency Phone** : +49(0)2203-35-92-0


**1.4. Emergency telephone number**

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

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Directive 1999/45/EC**


**Danger symbols** : Xn,C  
**R phrases** : R22

**2.2. Label elements****Classification according to Directive 1999/45/EC**

**Hazard pictogram(s)** : Xn C  
  
 Harmful  
  
 Corrosive

**R&S statement(s)** : R22: Harmful if swallowed.

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

**Hazard pictogram(s)** :  
  
 Corrosive  
  
 Exclamation mark

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**Signal Word** : DANGER  
**Hazard statement(s)** : H302: Harmful if swallowed.

**2.3. Other hazards**

**Immediate concerns** : Corrosive. Causes burns.

**SECTION 3: Composition / information on ingredients**

**3.1. Substances**

Not Applicable

**3.2. Mixtures**

Chemical Name	CAS	EINECS No.	Wt. %	Classification according to Directive 67/548/EEC
Ferric chloride hexahydrate	10025-77-1		< 40	Xn, C; R22

For full text of H-statements and R-phrases: see SECTION 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**Following eyes** : Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

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

**Following ingestion** : DO NOT INDUCE VOMITING. Examine the lips and mouth to ascertain whether the tissues are damaged. Seek medical advice immediately.

**Following inhalation** : No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

**4.2. Most important symptoms and effects, both acute and delayed**

**Eyes** : Causes eye burns.

**Skin** : Causes skin burns.

**Ingestion** : Harmful if swallowed.

**Inhalation** : None expected for this product.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Notes to physician** : Corrosive

**SECTION 5: Fire fighting measures**

**5.1. Extinguishing media**

**Extinguishing media** : Please see Fire Fighting Equipment under Section 5.3.

**5.2. Special hazards arising from the substance or mixture**

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**Hazardous combustion products :** None known.  
**Explosion hazards :** Not Determined  
**Fire explosion :** Not Determined  
**Sensitive to static discharge :** Not Determined  
**Sensitivity to impact :** Not Determined

**5.3. Advice for firefighters**

**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 :** Water spray, fog, or mist, foam, dry chemical, carbon dioxide(CO<sub>2</sub>)

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**General procedures :** Refer to Section 8 for Personal Protective Equipment.

**6.2. Environmental precautions**

**Water spill :** Do not allow to enter sewers or drains that may lead to waterways.

**6.3. Methods and material for containment and cleaning up**

**Small spill :** Clean up spills immediately, observing precautions in Protective Equipment section.  
**Large spill :** Collect in tightly closed containers.

**6.4. Reference to other sections**

**Reference to other sections :** Not Applicable

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling :** Use suitable protective equipment.  
**Storage :** See product labeling.

**7.2. Conditions for safe storage, including any incompatibilities**

**Shelf life :** See product labeling

**7.3. Specific end use(s)**

**Specific end use(s) :** Professional Dental Hemostatic Agent

**SECTION 8: Exposure controls / personal protection**

**8.1. Control parameters**

**Control parameters :** Not Determined

**8.2. Exposure controls**

**Eye/face protection :** Wear eye protection

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**Skin protection** : S36/37: Wear suitable protective clothing and gloves.  
**Respiratory protection** : Good general ventilation should be sufficient to control airborne levels.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**Physical state** : Gel  
**Colour** : Brown  
**Odour** : Slight iron odor

**9.2. Other information**

**Percent volatile** : Not Determined

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

**Stable** : No

**10.2. Chemical stability**

**Chemical stability** : Sensitive to light.

**10.3. Possibility of hazardous reactions**

**Hazardous polymerization** : No

**10.4. Conditions to avoid**

**Conditions to avoid** : Light

**10.5. Incompatible materials**

**Incompatible materials** : Strong acids, strong bases, and oxidizing agents.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** : None known.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute**

**Dermal LD<sub>50</sub>** : Not Determined  
**Oral LD<sub>50</sub>** : Not Determined  
**Inhalation LC<sub>50</sub>** : Not Determined

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Aquatic toxicity (acute)**

**96-hour LC<sub>50</sub>** : Not Determined  
**48-hour EC<sub>50</sub>** : Not Determined

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**96-hour EC<sub>50</sub>** : Not Determined

**12.2. Persistence and degradability**

**Persistence and degradability** : Not Determined

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** : Not Determined

**12.4. Mobility in soil**

**Mobility in soil** : Not Determined

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** : Not Determined

**12.6. Other adverse effects**

**Environmental data** : No data available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal method** : Dispose of in compliance with governmental regulation.(EC 1975L0442-20/11/2003)

**SECTION 14: Transport information**

**14.1. UN number**

**UN number** : 3264

**14.2. UN proper shipping name**

**UN proper shipping name** : Corrosive Liquid, Acidic, Inorganic, N.O.S. (Ferric chloride hexahydrate mixture)

**14.3. Transport hazard class(es)**

**Primary hazard class/division** : 8

**Hazard classification** : 8

**14.4. Packing group**

**Packing group** : III

**14.5. Environmental hazards**

**Marine pollutant #1** : Not Applicable

**14.6. Special precautions for user**

**ADR - road** : Not Applicable

**RID - rail** : Not Applicable

**IMDG - sea** : Not Applicable

**IATA - air** : Not Applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**Transport in bulk** : Not Applicable

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**Viscostat® Plus****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****RoHS** : Please refer to Medical Devices Directive 93/42/EEC**15.2. Chemical safety assessment****Chemical safety assessment** : Not Determined**SECTION 16: Other information****Relevant R-phrases and/or H-statements (number and full text)** : R22: Harmful if swallowed.**Prepared by** : Anu Kattoju

**Revision summary** : This SDS replaces the 10/20/2009 SDS. Revised: **Section 1:** GENERAL USE, PREPARED BY, PRODUCT CODE/ PART #. **Section 2:** EMERGENCY OVERVIEW - IMMEDIATE CONCERNS. **Section 3:** Wt.%. **Section 4:** INHALATION, NOTES TO PHYSICIAN, SIGNS AND SYMPTOMS OF OVEREXPOSURE ( INGESTION, INHALATION, SKIN ), SKIN. **Section 5:** EXPLOSION HAZARDS, EXTINGUISHING MEDIA, FIRE EXPLOSION, FIRE FIGHTING EQUIPMENT, FIRE FIGHTING PROCEDURES, HAZARDOUS COMBUSTION PRODUCTS, SENSITIVE TO STATIC DISCHARGE, SENSITIVITY TO IMPACT. **Section 6:** GENERAL PROCEDURES, . **Section 7:** SHELF LIFE, STORAGE, . **Section 8:** PERSONAL PROTECTIVE EQUIPMENT - RESPIRATORY . **Section 9:** PERCENT VOLATILE. **Section 10:** CONDITIONS TO AVOID, HAZARDOUS DECOMPOSITION PRODUCTS, HAZARDOUS POLYMERIZATION, STABLE. **Section 11:** ACUTE ( ORAL LD<sub>50</sub> (rat), ORAL LD<sub>50</sub> (rat), INHALATION LC<sub>50</sub> (rat) ). **Section 12:** CHEMICAL FATE INFORMATION, DISTRIBUTION, BIOACCUMULATION/ACCUMULATION, AQUATIC TOXICITY (ACUTE) ( 48-HOUR EC<sub>50</sub>, 96-HOUR EC<sub>50</sub> ), SECTION 12: Ecological information. **Section 14:** AIR (ICAO/IATA) - SPECIAL PROVISIONS ROAD AND RAIL (ADR/RID) - SPECIAL PROVISIONS VESSEL (IMO/IMDG) ( SPECIAL PROVISIONS ), ROAD AND RAIL (UK only) (CDG) - SPECIAL PROVISIONS. **Section 15:** RoHS, SECTION 15: Regulatory information. **Section 16:** GENERAL STATEMENTS.

**General statements** : NA = Not Applicable

**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, the manufacturer 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.