SAFETY DATA SHEET
according to Regulation (EC) No. 453/2010
Dental Use

Viscostat® Clear

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product code : VV/73203
Product name : Viscostat® Clear
Product description : Hemostatic Agent

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

Relevant identified uses : Professional Dental Hemostatic Solution

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
: The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Danger symbols : C,Xi
R phrases : R36/38

Classification according to Regulation(EC) No 1272/2008 [CLP]
Health : Skin Corrosion, Category 1B

2.2. Label elements

Classification according to Directive 1999/45/EC
Hazard pictogram(s) : C Xi

Corrosive Irritant

R&S statement(s) : R36/38: Irritating to eyes and skin.

Classification according to Regulation(EC) No 1272/2008 [CLP]
HAZARD PICTOGRAM(S): Corrosive

Signal Word: DANGER

Hazard Statement(s): H314: Causes severe skin burns and eye damage.

Precautionary Statement(s):


Response:

P305: IF IN EYES:
P351: Rinse cautiously with water for several minutes.
P313: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.

Storage: P273: Avoid release to the environment.


2.3. Other hazards

Immediate concerns: None

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>EINECS No.</th>
<th>Wt.%</th>
<th>Classification according to Directive 67/548/EEC</th>
<th>Classification according to Regulation(EC) No 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Chloride Hexahydrate</td>
<td>7784-13-6</td>
<td>N/A</td>
<td>&lt; 46</td>
<td>Xi; R36/37/38; R22</td>
<td>Skin Corr.,Cat. 1B; H314</td>
</tr>
<tr>
<td>Sodium borate</td>
<td>1330-43-4</td>
<td>215-540-4</td>
<td>&lt; 1</td>
<td>Xi; R36/37/38</td>
<td>Eye Irr.,Cat. 2; H319</td>
</tr>
</tbody>
</table>

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: Flush eye with water for 15 minutes. Get medical attention.
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Following skin : Wash with soap and water. Get medical attention if irritation develops or persists.

Following ingestion : No specific hazards are encountered under normal product use.

Following 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.

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

Eyes : Causes eye irritation.

Skin : Causes skin irritation.

Ingestion : None expected for this product.

Inhalation : None expected for this product.

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

Notes to physician : Not Applicable

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

Hazardous combustion products : None known.

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 only.

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 : 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.

6.4. Reference to other sections

Reference to other sections : Not Applicable
Viscostat® Clear

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 Solution

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters : Not Determined

8.2. Exposure controls

Eye/face protection : Wear eye protection
Skin protection : 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
Appearance : Clear
Colour : Colorless to slight yellow
Odour : Odorless or no characteristic odor

9.2. Other information

Percent volatile : Not Determined

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Stable

10.2. Chemical stability

Chemical stability : Stable when stored and handled under recommended conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization : None

10.4. Conditions to avoid

Conditions to avoid : None known.

10.5. Incompatible materials
Viscostat® Clear

<table>
<thead>
<tr>
<th>Incompatible materials</th>
<th>: None known.</th>
</tr>
</thead>
</table>

**10.6. Hazardous decomposition products**

<table>
<thead>
<tr>
<th>Hazardous decomposition products</th>
<th>: None known.</th>
</tr>
</thead>
</table>

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute**

**Notes** : Device is biocompatible when used as directed by dental professionals per ISO 10993-1.

**Reproductive effect** : **WARNING!** This product contains a chemical known to cause birth defects or other reproductive harm when used at concentrations over 4.5%: Sodium borate

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Aquatic toxicity (acute)** : Do not allow to enter sewers or drains that may lead to waterways.

96-hour LC_{50} : Not Determined

48-hour EC_{50} : Not Determined

96-hour EC_{50} : 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** : Do not flush to sewer.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**


**SECTION 14: Transport information**

**14.1. UN number**
### SAFETY DATA SHEET
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<table>
<thead>
<tr>
<th><strong>UN number</strong></th>
<th>: 1760</th>
</tr>
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</table>

**14.2. UN proper shipping name**

<table>
<thead>
<tr>
<th><strong>UN proper shipping name</strong></th>
<th>: Corrosive Liquid, N.O.S. (Aluminum chloride hexahydrate mixture)</th>
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**14.3. Transport hazard class(es)**

<table>
<thead>
<tr>
<th><strong>Primary hazard class/division</strong></th>
<th>: 8</th>
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</thead>
<tbody>
<tr>
<td><strong>Hazard classification</strong></td>
<td>: 8</td>
</tr>
</tbody>
</table>

**14.4. Packing group**

<table>
<thead>
<tr>
<th><strong>Packing group</strong></th>
<th>: III</th>
</tr>
</thead>
</table>

**14.5. Environmental hazards**

<table>
<thead>
<tr>
<th><strong>Marine pollutant #1</strong></th>
<th>: N/A</th>
</tr>
</thead>
</table>

**14.6. Special precautions for user**

<table>
<thead>
<tr>
<th><strong>ADR - road</strong></th>
<th>: N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RID - rail</strong></td>
<td>: N/A</td>
</tr>
<tr>
<td><strong>IMDG - sea</strong></td>
<td>: N/A</td>
</tr>
<tr>
<td><strong>IATA - air</strong></td>
<td>: N/A</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>Transport in bulk</strong></th>
<th>: N/A</th>
</tr>
</thead>
</table>

### SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<table>
<thead>
<tr>
<th><strong>RoHS</strong></th>
<th>Please refer to Medical Devices Directive 93/42/EEC</th>
</tr>
</thead>
</table>

**15.2. Chemical safety assessment**

<table>
<thead>
<tr>
<th><strong>Chemical safety assessment</strong></th>
<th>: See Section 11</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Additional information</strong></td>
<td>: WARNING! This product contains a chemical known to cause birth defects or other reproductive harm when used at concentrations over 4.5%: Sodium Borate</td>
</tr>
</tbody>
</table>

### SECTION 16: Other information

**Relevant R-phrases and/or H-statements (number and full text)**

| : R22: Harmful if swallowed. |
| : R36/37/38: Irritating to eyes, respiratory system and skin. |
| : Eye Irr., Cat. 2: Eye Irritation, Category 2 |
| : Skin Corr., Cat. 1B: Skin Corrosion, Category 1B |
| : H314: Causes severe skin burns and eye damage. |
| : H319: Causes serious eye irritation. |

**Prepared by**

<table>
<thead>
<tr>
<th>: Anu Kattoju</th>
</tr>
</thead>
</table>

**Revision summary**

| : This SDS replaces the 04/27/2015 SDS. Revised: **Section 1**: Section 2: Section 5: EXPLOSION HAZARDS, FIRE EXPLOSION, SENSITIVE TO STATIC DISCHARGE, SENSITIVITY TO IMPACT. **Section 10**: CONDITIONS TO AVOID, INCOMPATIBLE MATERIALS. **Section 12**: ENVIRONMENTAL DATA, AQUATIC |
|--------------|-------------------------------------------------|

Viscostat® Clear

TOXICITY (ACUTE).

General statements: N/A = Not Applicable
Manufacturer disclaimer: FOR DENTAL USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material SDS(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.