

# SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

Dental Use



Date Issued : 1/19/2006

SDS No : 8-001.10

Date Revised : 6/24/2014

Revision No : 13

## Astringedent®, Astringedent® X, and Viscostat®

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

#### 1.1. Product identifier

**Product code** : AS/10308, AX/10309, VS/64500  
**Product name** : Astringedent®, Astringedent® X, and Viscostat®  
**Product description** : Hemostatic solution

#### 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

UP Dental GmbH  
 Am Westhover Berg 30  
 51149 Cologne Germany  
 Email: info@updental.de  
**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  
**R phrases** : R22

#### 2.2. Label elements

Classification according to Directive 1999/45/EC

**Hazard pictogram(s)** : Xn



Harmful

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

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

**Hazard pictogram(s)** :



Exclamation  
mark

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

### 2.3. Other hazards

**Immediate concerns** : R36/38: Irritating to eyes and skin.

## 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 |
|-----------------------------------|------------|------------|-------|--------------------------------------------------|
| Iron Anion-Sulfate and Subsulfate | 10028-22-5 | 233-072-9  | < 70  | Xn; R22;<br>R36/38                               |

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** : Wash with soap and water.

**Following 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.

**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** : Irritating to eyes.

**Skin** : Prolonged or exposure may cause skin irritation

**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** : Not Applicable

## SECTION 5: Fire fighting measures

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### 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

**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** : As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**Fire fighting equipment** : Water spray, alcohol - resistant foam, dry chemical or carbon dioxide

## 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 with cloth, soap and water.

**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

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**Eye/face protection** : Wear eye protection  
**Skin protection** : S36/37: Wear suitable protective clothing and gloves.

### SECTION 9: Physical and chemical properties

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

**Physical state** : Gel  
**Colour** : Brown  
**Odour** : Slight iron odor, Product Code VU/73202- has mint odor.  
**Solubility in water** : Partially Soluble

#### 9.2. Other information

**Percent volatile** : Not Determined

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Stable** : Yes

#### 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** : None known.

#### 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

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

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

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

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 : Not 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 sulfate mixture)

### 14.3. Transport hazard class(es)

Primary hazard class/division : 8

Hazard classification : 8

### 14.4. Packing group

Packing group : II

### 14.5. Environmental hazards

Marine pollutant #1 : N/A

### 14.6. Special precautions for user

ADR - road : N/A

RID - rail : N/A

IMDG - sea : N/A

IATA - air : N/A

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

Transport in bulk : N/A

### 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.  
R36/38: Irritating to eyes and skin.  
R36: Irritating to eyes.

Prepared by : Anu Kattoju

Revision summary : This SDS replaces the 3/4/2014 SDS. Revised: **Section 1:**  
. **Section 2:** . **Section 4:** NOTES TO PHYSICIAN. **Section 7:**  
STORAGE.

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 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.