

## Material Safety Data Sheet

(Regulation REACH n°1907/2006 and le regulation CLP N°1272/2008)

### 1. Identification of mixture and the company

#### 1.1 Commercial name

Name: Hemosal  
Type of product: Astringent gel  
Reference: HSA-6

#### 1.2 Relevant use of product:

Astringent gel 25% aluminium sulfate

#### 1.3 Information concerning safety data sheet manufacturer:

Name: G-PHARMA  
Localisation: 35, avenue du Gros Chêne - ZI des Bellevues  
BP 10279 Herblay  
95617 Cergy-Pontoise Cedex France  
Email: elsodent@elsodent.com  
Phone: + 33 (0)1 30 37 75 75

#### 1.4 Emergency telephone number

Number ORFILA: + 33 (0)1 45 42 59 59

### 2. Hazards Identification

The mixture meets the criteria for classification of Regulation 1272/2008 / EC amending Directives 67/548 / EEC and 1999/45 / EC and regulation 1907/2006 / EC (CLP). The mixture requires security sheet according to the requested requirements.

#### 2.1 Classification of the mixture

##### 2.1.1 Classification according to regulation (EC) N° 1272/2008 (CLP) :

STOT SE 3: H335;  
Skin irrit. 2: H315

##### 2.1.2 Classification according to the directive N° 67/548/CEE:

Xi: R36, R37, R38,

##### 2.1.3 Additional information

The full text of the classes and categories of danger: hazards H and R phrases are mentioned in Section 16.

#### 2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 (CLP) and its exemptions from Article 17 (relating to labeling and packaging requirements) provided for products with a capacity of less than 125 ml (Annex I of Regulations section 1.5.2.1)

Pictogram: Not Applicable  
Signal Word: Not Applicable  
Hazard statement: Not Applicable  
Precautionary statements: Not Applicable  
Additional hazards information: Not Applicable

#### 2.3 Other hazards

The mixtures do not contain PBT or vPvP.

### 3. Composition / Information on ingredients

#### 3.1 Product

EC designation: Not Applicable  
Classification according to the directive 93/42/EEC: Class IIa

#### 3.2 Mixture

Index CE CAS	Chemical name	% Mass	Classification according to (CLP) N° 1272/2008 (CE)	Generic threshold
Index : N/A CAS : 17927-65-0	Aluminium sulphate	25%	Skin irrit 2: H315 STOT SE 3 : H335	≥ 1 % ≥ 1 %

Note: The full text of hazard H and R-phrases is specified in section 16.

## 4. First aid measures

### 4.1 Description of first aid measures

Swallowing:	If a large amount has been ingested, it is potentially irritating for the stomach. Can cause digestive disorder (vomiting, diarrhea, hemolysis), impairment of the kidney and liver.
Induce vomiting:	Seek advice to a doctor.
Skin contact:	Can cause skin irritation. Wash skin with plenty of water. In case of a strong reaction (burn or pain), seek medical advice.
Eye contact:	Can cause eyes irritation. Rinse opened eye for several minutes under running water and consult a doctor as soon as possible
Inhalation:	Not applicable - The aluminium sulphate is in the form of an aqueous gel

**4.2 Most important symptoms and effects, both acute and delayed** See above

**4.3 Indication of any immediate medical attention and special treatment needed:** See above

## 5. Firefighting measures

### 5.1 Extinguishing media:

Suitable Extinguishing media:	Non-flammable. Water is acceptable tools if the fire comes from another source.
Non-suitable Extinguishing media:	Not applicable
Unusual Fire and Explosion Hazards:	Not applicable
Necessary special protection gear:	None
Melting point:	Not applicable
Flash point:	Not applicable
Self-ignition temperature:	Not applicable
Explosion limits in air:	Not applicable
Flammability:	Not applicable

**5.2 Special hazards arising from the substance or mixture:** Not applicable

**5.3 Tips for firefighters** None

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes. Wash hands with soap and water.

### 6.2 Environmental precautions:

Large amount:	Remove the product following national, federal, regional or local current laws (by incineration). Remove the content the same way.
Small quantity:	Store in approved container for removal. Remove the containing like the product itself.

### 6.3 Methods and material for containment and cleaning up:

Wear gloves and protection goggles.  
Wash the contaminated area with soap and water.

### 6.4 References to other sections

See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Wear nitrile or latex gloves, a mask and goggles.  
Avoid eyes and skin contact. Wash hands with water and soap in case of a contact with the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, place at temperatures below 25°C. Keep out of direct light. Do not store the product near a heat source or flame. Keep tightly closed containers.

**7.3 Specific end use(s):** Dental professional use only.

## 8. Exposure controls / personal protection

### 8.1 Control parameters

Respiratory protection:	Not required in normal conditions of use.
Personal protective equipment:	Mask, protective gloves and protection clothe.
Eye protection:	Safety glasses.

Usual hygienic measures for dental practice. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Keep away from foodstuffs, beverages and feed. Wash with soap and water in case on contact.

**8.2 Explosion parameters** Not applicable

## 9. Physical & Chemical properties

### 9.1 Information regarding the physicals and chemicals properties

Appearance:	blue aqueous gel	Melting point:	Not established
Inflammability:	Not established	Vapour pressure (20°):	Negligible
Auto flammability:	Not applicable	Specific gravity:	Not established
Odour:	Raspberry	Solubility in water:	Soluble
Explosive properties:	Not applicable	Flash point:	Not established
Boiling point:	100°C	Density:	Not established
Oxidizing properties:	Not applicable	Solubility in water:	Not established

**9.2 Other information** None

## 10. Stability & reactivity

<b>10.1 Reactivity:</b>	Not applicable
<b>10.2 Chemical stability:</b>	stable under normal condition of storage and use.
<b>10.3 Possibility of hazardous reactions:</b>	No dangerous reactions known
<b>10.4 Conditions to avoid:</b>	Avoid exposition to high temperature.
<b>10.5 Incompatible materials:</b>	Not applicable
<b>10.6 Hazardous decomposition products:</b>	Not applicable.
<b>10.7 uncontrolled polymerization:</b>	Not applicable

## 11. Toxicological information

### 11.1 Information on toxicological effects

<u>Acute toxicity for health:</u>	May cause eyes and skin irritation
<u>Chronical toxicity:</u>	Not applicable
<u>Signs and symptoms of exposure:</u>	Irritation of skin and eyes.
<u>Medical condition aggravated by exposure:</u>	Pre-existing skin disease (sensitization), kidney and hepatic problems.
<u>Potential carcinogenesis effect:</u>	Not applicable

**11.2 Other information:** Not applicable

## 12. Ecological information

### 12.1 Toxicity

No ecological toxicity or impact on the environment has been identified for this product in the quantities present in the normal packaging. It is inert once polymerized. Not a polluting agent according to the CLP classification. Do not allow the product to enter sewers, surface and ground water.

<b>12.2 Persistence and degradability:</b>	Not applicable
<b>12.3 Bioaccumulative potential:</b>	Not applicable
<b>12.4 Mobility in soil:</b>	Not applicable
<b>12.5 Results of PBT and vPvB assessment:</b>	Not applicable
<b>12.6 Other adverse effects:</b>	Not applicable

## 13. Disposal measures

Large quantities:	Disposal must be made according to local, state and federal regulations. Do not pour down the drain.
Small quantities:	Store in approved container for removal. Remove the containing like the product itself

## 14. Transport information

This information regarding the transportation follows the international transportation requirements. No restriction for the road, boat or plane transportation.

Avoid high temperatures during transportation.

## 15. Regulation

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Class IIa medical device according to the Directive 93/42/EEC

**15.2 Chemical safety assessment:** Not applicable

## 16. Other information

### Symbol of potential danger:

Xi : Irritating

STOT SE 3: Specific target organ toxicity - single exposure hazard category 3

### R phrases

R 36: Irritating to eyes

R 37: Irritating to respiratory system.

R 38: Irritation to skin

### S phrases:

S24: Avoid eye contact

S26: In case of eye contact, rinse immediately and seek for medical advice

S36: Wear an approved protecting clothing

S39: Wear appropriate eyes/face protection

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources that we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, G PHARMA do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. If the product is used as a component in another product or used in a way other than recommended by the Company, this MSDS information may not be applicable.