

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

075791363

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

075791413 075791884 075791918 075791926 075791934

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

075792403 075792890

**IDENTITY** (As used on Label and List)  
HEMODENT

**Section I**

Manufacturer's Name  
Stone Pharmaceuticals  
A Division of Medical Products Laboratories, Inc.  
9990 Global Road  
Philadelphia, PA 19115

Emergency Telephone Number  
(215) 677-2700  
  
Telephone Number for Information  
(215) 677-2700

Date Prepared - 9/9/99

**Section II - Hazardous Ingredients/Identity Information**

(Hazardous Components: Specific Chemical Identity)	CAS NO.	OSHA PEL	ACGIH TLV	% (optional)
Common Name(s)	7446-70-0	3.15g/kg	3.15g/kg	21.3%
Aluminum Chloride	57-55-6	21.0g/kg	21.0g/kg	--
Propylene Glycol				

**Section III - Physical/Chemical Characteristics**

Boiling Point 212° F	Specific Gravity (water = 1) : 1.1
Vapor Pressure (mm Hg.) N/I	Melting Point: N/A
Vapor Density (AIR = 1) : N/I	Evaporation Rate (Butyl Acetate = 1) : N/I
Solubility in Water: Soluble	
Appearance and Odor: Clear, pale liquid, characteristic odor	

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) N/A	Flammable Limits: Nonflammable	LEL N/A	UEL N/A
Extinguishing Media Carbon Dioxide, water spray, foam or dry chemical			
Special Fire Fighting Procedures None			
Unusual Fire and Explosion Hazards None			

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:**

HEALTH	1
FIRE	0
REACTIVITY	0

**Section V - Reactivity Data**

Stability	Unstable <input type="checkbox"/>	Conditions to Avoid None under anticipated normal use.
	Stable <input checked="" type="checkbox"/>	

Incompatibility  
(Materials to Avoid): None

Hazardous Decomposition or Byproducts  
None

Hazardous	May Occur <input type="checkbox"/>	Conditions to Avoid None
Polymerization	Will not Occur <input checked="" type="checkbox"/>	

**IDENTITY** (As used on Label and List)  
HEMODENT

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation: YES
Skin: YES	Ingestion: YES

Health Hazards (Acute and Chronic):

Mild skin irritation over prolonged exposure to skin, irritating to eyes.

Carcinogenicity:	NTP: No	IARC Monographs: No	OSHA Regulated: No
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Signs and Symptoms of Exposure:  
Mild irritation

Medical Conditions Generally Aggravated by Exposure:  
None known

Emergency and First Aid Procedures:  
In case of skin contact, wash with soap and water. In case of eye contact, flush with running water.  
In case of digestion, consult a physician.

**Section VII - Precautions for Safe Handling and Use**

Steps to be taken in case Material is Released or Spilled:  
Wash with plenty of water, mop.

Waste Disposal Method:  
Follow applicable federal, state and local regulations.

Precautions to be Taken in Handling and Storing:  
Keep container tightly closed. Wash hands with soap and water after handling.

Other Precautions:  
None under normal use

**Section VIII - Control Measures**

Respiratory Protection:  
None required under normal use.

Ventilation: None required	Local Exhaust: N/A	Special: N/A
	Mechanical: (general) N/A	Other: N/A

Protective Gloves: Recommended	Eye Protection: Safety Goggles
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Other Protective Clothing or Equipment:  
N/A

Work/Hygienic Practices:  
Wash hands with soap and water after each handling.

**Section IX - Transportation**

Applicable Regulations:  
N/A

NOTE: While MPL believes that the information provided herein is given in good faith, it is offered solely for your consideration, investigation and verification without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine the safe conditions for use and to assume liability for loss, injury, damage or expense resulting from the use of this product.

# SAFETY DATA SHEET

## Hemodent<sup>®</sup> Solution

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### 1. IDENTIFICATION

**Product Identifier:** 9007071, 9007072 & 9007073  
**Product name:** Hemodent<sup>®</sup> Solution  
Premier Dental Products Company  
1710 Romano Drive  
Plymouth Meeting, PA 19462 USA  
**Tel:** 610.239.6000  
**Fax:** 610.239.6171  
**Emergency Phone:** 610.239.6000

**Restrictions for Use:** For professional use only

**Recommended Use:** Hemostatic Solution

### 2. HAZARDS IDENTIFICATION

#### Classification of the chemical

Eye Irritant – Category 2

Specific Target Organ Toxicity, SE - Category 3

Skin Irritant, – Category 2

**Hazard pictogram(s)** Exclamation Mark

**Signal word:** Warning



#### Hazard Statements:

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H315 Causes skin irritation

### 3. COMPOSITION AND INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Composition %</u>
Aluminum Chloride Hexahydrate	7784-13-6	21.3%

### 4. FIRST AID INFORMATION

#### (SYMPTIONS)

**Skin contact:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.  
Exposure may cause coughing or wheezing.

#### (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.  
Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.  
Consult a doctor.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing Media:** Suitable extinguishing media for the surrounding fire should be used.  
Use water spray to cool containers.

**Exposure Hazards:** In combustion emits toxic fumes.

**Protection of Fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental Precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up Procedures:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

- Handling Requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- Storage Conditions:** Store in cool, well ventilated area. Keep container tightly closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering Measures:** Ensure there is sufficient ventilation of the area.
- Respiratory Protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand Protection:** Protective gloves
- Eye Protection:** Safety glasses. Ensure eye bath is to hand.
- Skin Protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Colorless
- Odour:** Characteristic odour
- Viscosity:** Non-viscous

## 10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat
- Materials to avoid:** Strong oxidizing agents. Strong acids.
- Haz. Decomp Products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

- Hazardous Ingredients:** ALUMINUM CHLORIDE HEXAHYDRATE IPR MUS LD50 940mg/kg  
IPR RAT LD50 728mg/kg  
ORL MUS LD50 1990 mg/kg  
ORL RAT LD50 3311 mg/kg
- Rate of Exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

- Hazardous Ingredients:** ALUMINUM CHLORIDE HEXAHYDRATE  
DAPHNA 48H EC50 27.3mg/l  
FISH 96H LC50 27.1 mg/l
- Mobility:** Readily absorbed into soil.
- Persistence and Degradability:** Biodegradable
- Bioaccumulative Potential:** No bioaccumulation potential.
- Other Adverse Effects:** Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

- NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

#### 14. TRANSPORT INFORMATION

ADR/RID  
IMDG/IMO  
IATA/ICAO

#### 15. REGULATORY INFORMATION

Hazard pictogram(s) Exclamation Mark

Signal word: Warning



Risk Phrases: R36/38: Irritating to eyes and skin.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

#### 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**Premier revision date:** 12/16/2014

**Revision number:** 10

**Revision summary:** This SDS replaces the 09/24/2014 rev4. Revised: Section 1, Section 2, Section 3, Section 15 and Section 16.

Supplier's date: 09/24/2014

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This SDS is offered solely for your information, consideration and investigation. This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. Premier Dental Products Company provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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121452 Rev10

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**Restrictions for Use:** For professional use only

**Recommended Use:** Hemostatic Solution

### 2. HAZARDS IDENTIFICATION

#### Classification of the chemical

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Skin Irritant, – Category 2

**Hazard pictogram(s)** Exclamation Mark

**Signal word:** Warning



#### Hazard Statements:

H319 Causes serious eye irritation

H335 May cause respiratory irritation

H315 Causes skin irritation

#### Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray

P264: Wash hands thoroughly after handling

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P312: Call a POISON CENTER or doctor/physician if you feel unwell

P362: Take off contaminated clothing and wash before reuse

P302 + P352: IF ON SKIN: Wash with plenty of soap and water

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P332 + P313: If skin irritation occurs: Get medical advice/attention

P337 + P313: If eye irritation persists: Get medical advice/attention

P405: Store locked up

P403 + P233: Store in a well-ventilated place. Keep container tightly closed

P501: Dispose of in compliance with governmental regulation

#### NFPA ratings (scale 0 - 4)



Health = 1

Fire = 0

Reactivity = 0

### 3. COMPOSITION AND INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Composition %</u>
Aluminum Chloride Hexahydrate	7784-13-6	21.3%

### 4. FIRST AID INFORMATION

#### (SYMPTIONS)

<b>Skin contact:</b>	There may be irritation and redness at the site of contact.
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<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

#### (ACTION)

<b>Skin contact:</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
<b>Eye contact:</b>	Bathe the eye with running water for 15 minutes. Consult a doctor.
<b>Ingestion:</b>	Wash out mouth with water. Consult a doctor.
<b>Inhalation:</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media:</b>	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
<b>Exposure Hazards:</b>	In combustion emits toxic fumes.
<b>Protection of</b>	Wear self-contained breathing apparatus. Wear protective clothing to
<b>Fire-fighters:</b>	prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
<b>Environmental Precautions:</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
<b>Clean-up Procedures:</b>	Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

### 7. HANDLING AND STORAGE

<b>Handling Requirements:</b>	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
<b>Storage Conditions:</b>	Store in cool, well ventilated area. Keep container tightly closed.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Measures:</b>	Ensure there is sufficient ventilation of the area.
<b>Respiratory Protection:</b>	Self-contained breathing apparatus must be available in case of emergency.
<b>Hand Protection:</b>	Protective gloves
<b>Eye Protection:</b>	Safety glasses. Ensure eye bath is to hand.
<b>Skin Protection:</b>	Protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>State:</b>	Liquid
<b>Colour:</b>	Colorless
<b>Odour:</b>	Characteristic odour
<b>Viscosity:</b>	Non-viscous



## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat  
**Materials to avoid:** Strong oxidizing agents. Strong acids.  
**Haz. Decomp Products:** In combustion emits toxic fumes.

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## 12. ECOLOGICAL INFORMATION

**Hazardous Ingredients:** ALUMINUM CHLORIDE HEXAHYDRATE  
DAPHINA 48H EC50 27.3mg/l  
FISH 96H LC50 27.1 mg/l

**Mobility:** Readily absorbed into soil.  
**Persistence and Degradability:** Biodegradable  
**Bioaccumulative Potential:** No bioaccumulation potential.  
**Other Adverse Effects:** Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. TRANSPORT INFORMATION

**DOT UN Number:** ORM-D **Proper Shipping Name:** Consumer Commodity **Hazard Class:** None  
**Packing Group:** None **Environmental Hazards:** None

	UN Number	UN Proper Shipping Name	Hazard Class	Packing Group	Environmental Hazards
ADR/RID	UN2581	Aluminum Chloride Solution	8	PG III	No
IMDG/IMO	UN2581	Aluminum Chloride Solution	8	PG III	No
IATA/ICAO	UN2581	Aluminum Chloride Solution	8	PG III	No

Special Precautions for user: Corrosive Liquid  
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable-  
product is transported only in packaged form.

## 15. REGULATORY INFORMATION

**Hazard pictogram(s)** Exclamation Mark

**Signal word:** Warning



**Risk Phrases:** R36/38: Irritating to eyes and skin.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.



## 16. OTHER INFORMATION

**Premier revision date:** 28-MAR-2019  
**Revision number:** 11

**Supplier number:** 013117

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The information contained herein is based on our present knowledge. However, this information shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Premier Dental Products Company makes no warranties, express or implied with respect to, and assumes no responsibility or liability for, the accuracy or completeness of the information contained herein. Premier Dental Products Company urges persons receiving this information to make their own determination as to the information suitability for their particular application.

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