

SAFETY DATA SHEETS

This SDS packet was issued with item:

075792403

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).

075791363 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.

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product name: Hemodent® Solution

Company name: Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462 USA

Tel: 610.239.6053
Fax: 610.239.6171

2. COMPOSITION AND INGREDIENTS

Hazardous ingredients: ALUMINUM CHLORIDE HEXAHYDRATE
CAS: 7784-13-6
[Xi] R36/37/38

3. HAZARDS IDENTIFICATION

Main Hazards: Irritating to eyes, respiratory system and skin..

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 MSDS 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 MSDS for routes of exposure and corresponding symptoms.

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

ADR/RID
IMDG/IMO
IATA/ICAO

15. REGULATORY INFORMATION

Hazard Symbols: Irritant

**Risk Phrases:**

R36/37/38: Irritating to eyes, respiratory system and skin.

Safety Phrases:

S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Restricted to professional users.

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

Risk phrases used in s.2: R36/37/38: Irritating to eyes, respiratory system and skin.

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held for any damage resulting from handling or from contact with the above product.

021252 Rev6

SAFETY DATA SHEET

Hemodent[®] Solution

1. IDENTIFICATION

Product Identifier: 9007071, 9007072 & 9007073
Product name: Hemodent[®] 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 Wear self-contained breathing apparatus. Wear protective clothing to
Fire-fighters: 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.
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- Rate of Exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

- Hazardous Ingredients:** ALUMINUM CHLORIDE HEXAHYDRATE
DAPIHNA 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

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: 04/30/2015

Revision number: 8

Revision summary: This SDS replaces the 09/24/2014 rev4.

Revised: Section 1, Section 2, Section 3, Section 14, Section 15 and Section 16.

Supplier's date: 09/24/2014

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.

041580 Rev8