

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE

Product name: Hemodent® Solution

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

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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 advise.
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.

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