

Material Safety Data Sheet

Fluorident™, Fluoride, 1.23% Gel

MSDS, Rev. 2

Last revised: 19-July-2008

Approved for Use: 14-July -2005

1. Chemical product and company identification

Product Name: Fluorident™, Fluoride, 1.23% Gel

Premier Dental Products Company
1710 Romano Drive
Plymouth Meeting, PA 19462
Phone: 610-239-6000 Fax: 610-239-6171

2. Composition/Information on Ingredients

Hazardous ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Composition %</u>	<u>EINECS</u>	<u>Hazard ID & Risk Phrases</u>
Sodium Fluoride	7681-49-4	1-10%	231-667-8	[T] R25; [-]R32; [Xi]R36/38
Orthophosphoric Acid	7664-38-2	1-10%	231-633-2	[C] R34

3. Hazards Identification

Main hazards: Contact with acids liberates very toxic gas.

4. First Aid Measures

Symptoms:

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Action:

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

5. Fire-Fighting Measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

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.
Environmental precautions:	Do not discharge into drains or rivers.
Clean-up procedures:	Wash the spillage site with large amounts of water.

7. Handling and Storage

Handling requirements:	Avoid the formation or spread of dust in the air.
Storage conditions:	Store in cool, well ventilated area.
Suitable packaging:	Must only be kept in original packaging.

8. Exposure Controls / Personal Protection

Hazardous ingredients:	ORTHOPHOSPHORIC ACID 100% TWA 1 mg/m ³ STEL 2 mg/m ³
Respiratory protection:	Respiratory protective device with particle filter
Hand protection:	Protective gloves
Eye protection:	Safety glasses. Ensure eye bath is at hand.
Skin protection:	Protective clothing

9. Physical and Chemical Properties

Physical State:	Paste
Odour:	Characteristic odour
Evaporation rate:	Negligible
Solubility in water:	Soluble
Viscosity:	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:	Sodium Fluoride ORL MUS LD50 57mg/kg ORL RAT LD50 52mg/kg SCU RAT LD50 175mg/kg Orthophosphoric Acid... 100% ORL RAT LD50 1530 mg/kg
Chronic toxicity:	Danger of cumulative effects if swallowed
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological Information

Mobility:	Non-volatile
Persistence & 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:

UN no: ---

Shipping name: Not classified as dangerous in the meaning of transport regulations (Sodium Fluoride, 1.23%)

ICAO/IATA:

UN no: ---

IMO/IMDG:

UN no: ---

15. Regulatory Information:

Hazard symbols: No significant hazard.

Risk phrases: R32: Contact with acids liberates very toxic gas.

Safety phrases: S7: Keep container tightly closed.

Precautionary phrases: 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

Other information: This safety data sheet is prepared in accordance with ED Directive 2001/58/EC.

Risk phrases used in s.2:

R25: Toxic if swallowed

R32: Contact with acids liberates very toxic gas

R36/38 Irritating to eyes and skin

R34: Causes burns

Legal disclaimer:

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

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