

# MATERIAL SAFETY DATA SHEET

RM125 Rev.A

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## SECTION I – Identification of the Substance / Preparation and of the Company / Undertaking

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**Product Trade Name:** PediaGel™ 2% Neutral Sodium Fluoride Gel  
**Company Name:** Preventive Technologies, Inc  
**Address, City State Zip:** 4330 Matthews-Indian Road, Indian Trail, NC 28079  
**Emergency Telephone Number:** (800) 424-9300 (Chemtrec)  
**Telephone Number for Information:** (800) 474-8681 Fax Number: (704)- 849-2417  
**Date Prepared:** 11/2008 RM125 Rev A

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## SECTION II – Composition / Information on Ingredients

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<u>Hazardous Components</u>	<u>Composition, %</u>	<u>CAS #</u>	<u>EINECS#</u>	
Sodium Fluoride (as Fluoride)	1-10	7681-49-4	231-667-8	[T] R25; [-] R32; [Xi] R36/38

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## SECTION III – Hazards Identification

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**Main Hazards:** Contact with acids liberates very toxic gas

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## SECTION IVa – First Aid Measures (Symptoms)

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**Skin contact:** There may be a mild irritation at the site of contact  
**Eye contact:** There may be irritation and redness  
**Ingestion:** There may be irritation of the throat  
**Inhalation:** No symptoms

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## SECTION IVb – First Aid Measures (Actions)

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**Skin Contact:** Wash immediately with plenty of soap and water  
**Eye Contact:** Bathe the eye with running water for 15 minutes  
**Ingestion:** Wash out with water  
**Inhalation:** Consult physician

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## SECTION V – Fire-Fighting Measures

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**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

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## SECTION VI – Accidental Release Measures

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**Personal Precautions:** Refer to Section VIII of this document for personal protection details.  
**Environmental Precautions:** Do not discharge into drains or rivers.  
**Clean-up Procedures:** Scoop up material and dispose in acceptable containers.

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## SECTION VII - Safe Handling and Storage

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**Storage Conditions:** For dental professional use only. Store away from food and beverages. Keep away from heat. Keep containers closed when not in use. Keep out of reach of children.

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## SECTION VIII – Exposure Control / Personal Protection

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**Respiratory protection:** None required.  
**Hand Protection:** Protective gloves.  
**Eye Protection:** Safety glasses. Ensure eye bath is nearby.  
**Skin Protection:** Protective clothing.

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## SECTION IX– Physical and Chemical Properties

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**Physical State::** Gel  
**Odor:** Characteristic odor  
**Evaporation Rate:** Negligible  
**Solubility in Water:** Soluble  
**Viscosity:** Viscous

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## SECTION X – Stability and Reactivity

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**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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## SECTION XI – Toxicological Information

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**Hazardous Ingredients:** Sodium Fluoride : ORL MUS LD50 57 mg/kg.  
 ORL RAT LD50 52 mg/kg  
 SCU RAT LD50 175 mg/kg  
**Route of Exposure:** Refer to Section IV of this document for routes of exposure and corresponding symptoms.

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## SECTION XII – Ecological Information

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**Mobility:** Readily absorbed into the soil.  
**Persistence/Degradability:** Biodegradable.  
**Bioaccumulative potential:** No bioaccumulative potential.  
**Other adverse effects:** Negligible ecotoxicity.

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## SECTION XIII – Disposal Considerations

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

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## SECTION XIV – Transportation Information

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**ADR/RID:** Not classified as dangerous in the meaning of transport regulations (Sodium Fluoride, 2%)  
**ICAO/IATA:** UN No. ----  
**IMO/IMDG:** UN No. ----

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## SECTION XV – Regulatory Information

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**Hazard Symbols:** No significant hazards

**Risk Phrases:** R32 Contact with acids liberate very toxic gas

**Safety Phrases:** S7: Keep container tightly closed

**Precautionary Phrases:** Restricted to professional users

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## SECTION XV – Regulatory Information, continued

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**NOTE:** The regulatory information given in in SECTION XV only indicates the principal regulations specifically applicable to the product described in this MSD 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.

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## SECTION XVI – Other Information

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**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

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**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 liable for damages resulting from handling or from contact with the above product.

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