

# Safety Data Sheet: Dental Prophylaxis Paste with Sodium Fluoride

## SECTION 1: IDENTIFICATION

Product Name: Dental Prophylaxis Paste with Fluoride  
Catalog Numbers: Assorted Flavors  
Assorted Grits  
Product Classification: Prophylaxis Paste  
Active Ingredient: Sodium Fluoride  
Manufactured By: Ross Healthcare Inc.  
6-1520 Cliveden Ave  
Delta, BC, V3M 6J8  
Telephone: 1-800-331-3548  
Emergency Number: Chemtrec 1-800-424-9300  
Date Prepared: June 30, 2015  
Supersedes Date: New issue.  
Product Use: For cleaning and polishing procedures as a part of a professionally administered prophylaxis treatment.

## SECTION 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

This information is based on findings from related and/or similar materials

- Will cause eye irritation
- May cause skin irritation
- Prolonged exposure may cause respiratory system irritation
- Ingestion may cause nausea, vomiting, headache, or dizziness
- Please read entire SDS for additional information



### Potential Health Effects, Signs, and Symptoms of Exposure:

**Eye:** Splashing into eye may cause redness of the eye.

**Skin:** Repeated/prolonged contact with skin may cause irritation of the skin.  
Symptoms include: redness, burning, itching.

**Inhalation:** Fine/small particles, if inhaled, may lead to respiratory irritation.  
Symptoms include: a feeling of tightness of the chest.

**Ingestion:** Ingesting small amounts during normal handling and use is not likely to cause harmful effects. Symptoms include: nausea, vomiting, headache, or dizziness.

Please refer to Section 11, *Toxicological Information* for details

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical ID	CAS #	EINECS #	INCI Name	Exposure OSHA (TWA/STEL)	Limits ACGIH	Carcinogen	% (By Weight)
Sodium Fluoride	7681-49-4	231-667-8	Sodium Fluoride	3ppm/6ppm	2.5mg/m <sup>3</sup>	Not Listed	2 – 3
Glycerol	56-81-5	200-289-5	Glycerin	(as respirable, mist) TWA=5mg/m <sup>3</sup>	(as mist) TWA=5mg/m <sup>3</sup>	Not Listed	20 - 40

**Sodium Fluoride:** Danger Symbol: GHS06 (T), GHS07 (Xi)  
Hazard Statement: H301 (R25), EUH032 (R32), H315 (R38), H319 (R36)  
Precautionary Statement: P102 (S2), P260 (S23), P280 (S36/37/39), P309+314 (S45)

**Glycerin:** Danger Symbol: GHS07 (Xi)  
Hazard Statement: H315 (R38), H319 (R36)  
Precautionary Statement: P404 (S7), P403+235 (S3/9)

Please refer to Section 16 for *Hazard and Precautionary Statement* Key

**SECTION 4: FIRST AID MEASURES**

The following first aid recommendations are based on an assumption that appropriate personal hygiene and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water, including under eyelids. If signs/symptoms persist, seek medical attention.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing. If signs/symptoms persist, seek medical attention.

**Inhalation:** Move into fresh air. If having difficulty breathing, administer oxygen. If signs/symptoms persist, seek medical attention.

**Ingestion:** Induce vomiting and seek medical attention. In the case of a child who has swallowed approximately 10g of paste, seek **immediate** medical attention. In the case of an adult who has swallowed approximately 100g of paste, seek **immediate** medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-Ignition Temperature (vol%)
N/A	N/A	N/A

**Extinguishing Media:** Suitable extinguishing material for the surrounding fire should be used.

**Firing Fighting Instruction:** During a fire, irritating or highly toxic gases may be generated by thermal decomposition. If potential for exposure, wear complete personal protective equipment, including: self-contained breathing apparatus. Fight fire from a safe distance.

**Unusual Hazards:** Evacuate all personnel.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Spill or Release Procedures

- Minor Spills:** Clean-up immediately, avoid contact with skin and eyes. Mop area and clean with soapy water.
- Major Spills:** Clear area of personnel. Restrict access to area. Avoid contact with skin and eyes, mop/s. Collect contaminated water squeegee area with soapy water and dispose of properly.

## SECTION 7: HANDLING AND STORAGE

- Handling:** Limit all unnecessary contact. Avoid breathing dust/vapors. Wear appropriate PPE.
- Storage:** Store in a cool, well ventilated area away from heat, sparks, and flame. Keep containers closed when not in use. Keep in original container provided by manufacturer.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** General exhaust is adequate under normal operating conditions.
- General PPE:** To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment done in accordance with OSHA PPE Standard (229CFR1910.132) or with European Standard EN166, be completed before using this product.
- Eye/Face Protection:** Safety glasses/goggles, or splash shields, are required when handling. Ensure an eye-wash station is on-hand.
- Skin Protection:** No special equipment for minor exposure (i.e. when handling small quantities), but, it is recommended that impermeable clothing (gloves, apron, boots, or whole body suit) to prevent any contact with this product.
- Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Colored paste	Odor of Stated Flavor	6 – 8	(H <sub>2</sub> O = 1): N/A	N/A	N/A

Boiling Point / Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient (Log Po/w)	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solubility in Water (20°C)
N/A	N/DA	N/DA	N/A	N/A	N/A	N/A	N/A

Flash Point (°F/°C)	Flammable Limit	Auto-Ignition Temperature (vol%)
N/A	N/A	N/A

**SECTION 10: STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable.
<b>Materials and Conditions to Avoid:</b>	Strong Acids. Heat.
<b>Hazardous Decomposition Products:</b>	Toxic Fumes (HF).
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur.

**SECTION 11: TOXICOLOGY INFORMATION**

<b>Active Oral Toxicity</b>	<b>Active Toxicity to Invertebrates</b>	<b>Acute Inhalation Toxicity</b>	<b>Irritation – Skin</b>	<b>Irritation - Eye</b>
N/DA	N/DA	N/DA	N/DA	N/DA
<b>Sensitization</b>	<b>Mutagenicity</b>	<b>Sub-Chronic Toxicity</b>		
N/DA	N/DA	N/DA		

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicological Information:</b>	Not determined.
<b>Chemical Fate Information:</b>	Not determined.

**SECTION 13: DISPOSAL CONSIDERATION**

Dispose of in compliance with governmental regulations.

Dispose of container and unused contents in accordance with local, state, and federal requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

**SECTION 14: TRANSPORTATION INFORMATION**

	<b>UN Number</b>	<b>UN Proper Shipping Name</b>	<b>Hazard Class(s)</b>	<b>Packing Group</b>	<b>Environmental Hazards</b>
<b>DOT</b>	None	Not Regulated	None	None	Not applicable
<b>ADR (road)</b>	None	Not Regulated	None	None	Not applicable
<b>RID (rail)</b>	None	Not Regulated	None	None	Not applicable
<b>IMDG (sea)</b>	None	Not Regulated	None	None	Not applicable
<b>IATA/ICAO (air)</b>	None	Not Regulated	None	None	Not applicable

**Other Information:** N/A

**SECTION 15: REGULATORY INFORMATION****U.S. Federal Regulations:**

**Clean Air Act HAP/ODS:** This product contains the following HAPs or ODSs:  
**NONE.**

**Clean Water Act: Priority Pollutant:** This product contains the following chemicals listed under the US Clean Water Act Priority Pollutant and Hazardous Substance List: **NONE.**

<b>FDA: Food Packaging Status:</b>	This product has not been cleared by the USFDA for use in food packaging and/or other applications as an indirect food-packaging additive.
<b>Occupational Safety and Health:</b>	This product is considered to be non-hazardous.
<b>RCRA:</b>	This product contains the following chemicals which are considered to be hazardous waste under RCRA (40CFR261): <b>NONE</b> .
<b>SARA Title III: Section 302 (RQ):</b>	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
<b>SARA Title III: Section 304 (TPQ):</b>	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40CFR370). Its hazards are: <b>SODIUM FLUORIDE</b> (CAS # 7681-49-4, Corrosive).
<b>SARA Title III: Section 311-312:</b>	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification (CERCLA List): <b>SODIUM FLUORIDE</b> (CAS # 7681-49-4, 1000 RQ #).
<b>SARA Title III: Section 313:</b>	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR372: <b>NONE</b> .
<b>TSCA Section 8(b): Inventory:</b>	This product contains chemicals listed on the TSCA Inventory, or otherwise complies with TSCA pre-manufacture notification requirements: <b>SODIUM FLUORIDE</b> (CAS # 7681-49-4).
<b>TSCA Significant New Use Rule:</b>	None of the chemicals in this material have an SNUR under TSCA.
<b>State Regulations:</b>	Contact Ross Healthcare Inc. for more information
<b>CDSL: Canadian Inventory:</b>	Sodium Fluoride (CAS # 7681-49-4) Glycerol (CAS # 56-81-5)

**Labeling According to EC Directives – 1272/2008 (CLP) and 1999/45/EC  
(items in parenthesis relate to 1999/45/EC)**

European Community:



- DANGER SYMBOLS: **GHS07 (Xi)** – *Warning/Irritant*
- HAZARD STATEMENTS: **H302**, Harmful if swallowed; **H315**, Causes skin irritation; **H319**, Causes serious eye irritation
- PRECAUTIONARY STATEMENTS: See Section 16

**SECTION 16: OTHER INFORMATION**

**EU Classes and Risk/Safety Phases for Referenced Ingredients (See Section 2)**

**Danger Symbols:**

**GHS07** – Warning/Irritant



**Hazard Statements:**

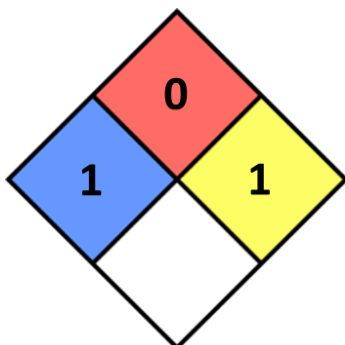
**R25** – Harmful if swallowed  
**R32** – Contact with acids liberates toxic gas  
**R36/37/38** – Irritating to eyes, respiratory system, and skin

**Precautionary Statements:**

**P102** – Keep out of reach of children  
**P264** – Wash hands after use, rinse oral cavity and expectorate fluid  
**P270** – Do not eat, drink, or smoke while using this product  
**P280** – Wear protective gloves/protective clothing/eye protection/face protection  
**P330** – Rinse mouth  
**P301+P312** – IF SWALLOWED: Call a POISON CENTER or a medical professional if you feel unwell  
**P302+P352** – IF ON SKIN: Wash with plenty of water  
**P332+P313** – If skin irritation occurs: Get medical advice/attention  
**P305+P351+P338** – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
**P337+P313** – If eye irritation persists get medical advice/attention  
**P309+314 (S45)** – If exposed, or you feel unwell, seek medical advice/attention

## Hazard Rating System (Pictograms)

### NFPA:



### HMIS:



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