

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071149814

**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).**

071149798 071149822 071149830 071149848 074842019 074842027

Dental Prophylaxis Paste with Fluoride

10025-10026

MSDS Preparation Date (mm/dd/yyyy): 07/06/2012

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**MATERIAL SAFETY DATA SHEET****SECTION 1 - IDENTIFICATION**

**Product identifier** : **Dental Prophylaxis Paste with Fluoride**

**Product Code(s)** : 10031 - 10047

**Product Use** : Dental prophylaxis treatment. Intended solely for use in a dentist office

**Chemical Family** : Mixture

**Supplier's name and address:**  
**A.R. Medicom Inc**  
1200 55th Avenue  
Montreal, QC, Canada  
H8T 3J8

**Manufacturer's name and address:**  
**Refer to Supplier**

**Information Telephone #** : (514) 636-6262 or (800) 308-6589

**24 Hr. Emergency Tel #** : (613) 996-6666 (CANUTEC)

**SECTION 2 - HAZARDS IDENTIFICATION**

**Classification** : WHMIS information: This product is not a WHMIS controlled product in Canada. This product is a Drug Product and is therefore not regulated as a Controlled Product under the Hazardous Products Act (HPA).  
  
OSHA: This product is regulated under the Food and Drugs Act as a Drug product.

**Emergency Overview** : White fine, free-flowing powder. Characteristic odor.  
Caution! May cause mild eye irritation. Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea. May cause respiratory irritation.

**POTENTIAL HEALTH EFFECTS:****Signs and symptoms of short-term (acute) exposure**

*Inhalation* : May cause irritation of the nose, throat, mucous membranes, and respiratory tract.

*Skin* : No exposure symptoms reported under normal conditions of use.

*Eyes* : May cause mild transient irritation.

*Ingestion* : Ingestion may irritate digestive tract and cause nausea, vomiting and diarrhea.

**Effects of long-term (chronic) exposure**

: None expected, when used as intended.

**Carcinogenic status** : See TOXICOLOGICAL INFORMATION, Section 11.

**Additional health hazards** : See TOXICOLOGICAL INFORMATION, Section 11.

**Potential environmental effects**  
: See ECOLOGICAL INFORMATION, Section 12.

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

<b><u>Ingredients</u></b>	<b>CAS #</b>	<b>Wt.%</b>
Glycerin	56-81-5	1.00 - 10.00
Silicon dioxide	112945-52-5	0.10 - 1.00

**SECTION 4 - FIRST AID MEASURES**

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- Inhalation** : Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Get medical attention.
- Skin contact** : Wash with water and soap as a precaution. Obtain medical attention if symptoms develop and persist.
- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention if symptoms develop and persist.
- Ingestion** : Do NOT induce vomiting. If victim is conscious give 2 glasses of water to dilute. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. Seek immediate medical attention/advice.
- Notes For Physician** : Treat symptomatically.

**SECTION 5 - FIRE FIGHTING MEASURES****Fire hazards/conditions of flammability**

- : Not flammable under normal conditions of handling.

**Flammability classification (OSHA 29 CFR 1910.1200)**

- : Combustible Liquid Class III B.

**Oxidizing properties**

- : None known.

**Explosion data: Sensitivity to mechanical impact / static discharge**

- : Not expected to be sensitive to mechanical impact or static discharge.

**Suitable extinguishing media**

- : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

**Special fire-fighting procedures/equipment**

- : Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so.

**Hazardous combustion products**

- : Toxic fumes, gases or vapours may evolve on burning. Oxides of carbon.

**NFPA Rating**

- |                  |                        |                       |                               |
|------------------|------------------------|-----------------------|-------------------------------|
| 0 - Minimal      | 1 - Slight             | 2 - Moderate          | 3 - Serious                   |
| <i>Health: 1</i> | <i>Flammability: 1</i> | <i>Instability: 0</i> | <i>Special Hazards: None.</i> |

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****Personal precautions**

- : Restrict access to area until completion of clean-up. Keep all other personnel upwind and away from the spill/release. Individuals involved in the cleanup must wear appropriate personal protective equipment. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions**

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

**Spill response/cleanup**

- : Ventilate area of release. Stop the spill at source if it is safe to do so. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Notify the appropriate authorities as required.

**Prohibited materials**

- : None known.

**Special spill response procedures**

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).  
US CERCLA Reportable quantity (RQ): None reported.

**SECTION 7 - HANDLING AND STORAGE****Safe Handling procedures**

- : Use only in well-ventilated areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid contact with incompatible materials. Keep container tightly closed when not in use. Wash thoroughly after handling.

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- Storage requirements** : Store in a cool, dry, well ventilated area, away from heat and ignition sources. Store away from incompatibles and out of direct sunlight. No smoking in the area. Inspect periodically for damage or leaks.
- Incompatible materials** : Strong oxidizers, acids and bases. Hydrofluoric acid.
- Special packaging materials** : Always keep in containers made of the same materials as the supply container.

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

<u>Exposure Limits</u>				
<u>Ingredients</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Glycerin	10 mg/m <sup>3</sup> (mist)	N/Av	15 mg/m <sup>3</sup> (mist, total particulate); 5 mg/m <sup>3</sup> (mist, respirable fraction)	N/Av
Silicon dioxide	N/Av	N/Av	N/Av	N/Av

**Ventilation and engineering measures**

- : Do not use in closed or confined space. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

**Respiratory protection**

- : Not required under normal conditions of handling. If dust is expected, wear face mask.

**Skin protection**

- : Wear general purpose examination gloves.

**Eye / face protection**

- : Safety goggles or glasses as appropriate for the job.

**Other protective equipment**

- : An eyewash station and safety shower should be made available in the immediate working area. Depending on conditions of use, an impervious apron should be worn. Remove and wash contaminated clothing before re-use.

**General hygiene considerations**

- : Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- |  |  |
|--|--|
| <b>Physical state</b> : powder                       | <b>Appearance</b> : white                            |
| <b>Odour</b> : Characteristic odour.                 | <b>Odour threshold</b> : N/Av                        |
| <b>pH</b> : 8.1                                      |  |
| <b>Boiling point</b> : N/Av                          | <b>Specific gravity</b> : 0.88                       |
| <b>Melting/Freezing point</b> : N/Av                 | <b>Coefficient of water/oil distribution</b> : N/Av  |
| <b>Vapour pressure (mmHg @ 20° C / 68° F)</b> : N/Av | <b>Solubility in water</b> : N/Av                    |
| <b>Vapour density (Air = 1)</b> : N/Av               | <b>Evaporation rate (n-Butyl acetate = 1)</b> : N/Av |
| <b>Volatile organic Compounds (VOC's)</b> : N/Av     | <b>Volatiles (% by weight)</b> : N/Av                |
| <b>Flash point</b> : N/Av                            |  |
| <b>Flash point Method</b> : N/Av                     | <b>Auto-ignition temperature</b> : N/Av              |
| <b>Lower flammable limit (% by vol.)</b> : N/Av      | <b>Upper flammable limit (% by vol.)</b> : N/Av      |
| <b>Flame Projection Length</b> : N/Av                | <b>Flashback observed</b> : N/Av                     |
| <b>Viscosity</b> : N/Av                              |  |

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**Absolute pressure of container**

: N/Av

**Section 10: Stability And Reactivity**

- Stability and reactivity** : Stable under recommended storage conditions.
- Hazardous polymerization** : Hazardous polymerisation does not occur.
- Conditions to avoid** : Keep out of direct sunlight. Keep away from excessive heat, open flames, sparks and other possible sources of ignition. Do not use in areas without adequate ventilation.

**Materials To Avoid And Incompatibility**

: See Section 7 (Handling and Storage) for further details.

**Hazardous decomposition products**

: Refer to Section 5 for additional 'Hazardous combustion products'.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

- Target organs** : Eyes; Respiratory system; Digestive system
- Routes of exposure** : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES
- Toxicological data** : There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

<u>Ingredients</u>	<u>LC<sub>50</sub>(4hr)</u>	<u>LD<sub>50</sub></u>	
	<u>inh. rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Glycerin	>570 mg/m <sup>3</sup> 1 h	12600 mg/kg	>21900 mg/kg
Silicon dioxide	N/Av	3160 mg/kg	N/Av

- Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP. Note that this product contains ethanol, a confirmed animal carcinogen (A3) by the ACGIH and human carcinogen (Group 1) by the IARC; however, this is only applicable when the chemical is present in alcoholic beverages.
- Reproductive effects** : Not expected to cause reproductive effects.
- Teratogenicity** : Not expected to be a teratogen.
- Mutagenicity** : Not expected to be mutagenic in humans. Ethanol has been shown to cause mutagenic effects but at extremely high oral doses, which are not applicable in an occupational setting.
- Epidemiology** : Not available.
- Sensitization to material** : Not expected to be a skin or respiratory sensitizer.
- Synergistic materials** : N/Av
- Irritancy** : May cause eye and skin irritation. May cause gastrointestinal irritation.
- other important hazards** : None known.
- Conditions aggravated by overexposure** : Pre-existing skin, eye and respiratory disorders.

**SECTION 12 - ECOLOGICAL INFORMATION**

- Ecotoxicity** : No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.
- Mobility** : No data is available on the product itself.
- Persistence** : The active ingredient is readily biodegradable.
- Bioaccumulation potential** : No data is available on the product itself.
- Other Adverse Environmental effects** : No data is available on the product itself.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

- Handling for Disposal** : Handle waste according to recommendations in Section 7.

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- Methods of Disposal** : Improper disposal can cause damage to the environment. Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- RCRA** : It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14: TRANSPORT INFORMATION**

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	None.	Not regulated.	Not regulated	none	
<b>TDG Additional information</b>	None.				
49CFR/DOT	None.	Not regulated.	Not regulated	none	
<b>49CFR/DOT Additional information</b>	None.				

**SECTION 15 - REGULATORY INFORMATION**

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355: No Extremely Hazardous Substances are present in this material.

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Acute Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

**US State Right to Know Laws:**

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Other U.S. State "Right to Know" Lists: The following chemicals are specifically listed by individual States: Glycerin (MA, MN, NJ, PA, RI).

**International Information:**

WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this MSDS contains all the information required by the CPR.**

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**SECTION 16 - OTHER INFORMATION**

**HMIS Rating** : \* - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious  
*Health:* 1 *Flammability:* 1 *Reactivity:* 0

**Legend** : ACGIH: American Conference of Governmental Industrial Hygienists  
 CA: California  
 CAS: Chemical Abstract Services  
 CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980  
 CFR: Code of Federal Regulations  
 CNS: Central Nervous System  
 DOT: Department of Transportation  
 HMIS: Hazardous Materials Identification System  
 HSDB: Hazardous Substances Data Bank  
 IARC: International Agency for Research on Cancer  
 Inh: Inhalation  
 LC: Lethal Concentration  
 LD: Lethal Dose  
 MA: Massachusetts  
 MN: Minnesota  
 MSHA: Mine Safety and Health Administration  
 N/Ap: Not Applicable  
 N/Av: Not Available  
 NFPA: National Fire Protection Association  
 NIOSH: National Institute of Occupational Safety and Health  
 NJ: New Jersey  
 NTP: National Toxicology Program  
 OSHA: Occupational Safety and Health Administration  
 PA: Pennsylvania  
 PEL: Permissible exposure limit  
 RCRA: Resource Conservation and Recovery Act  
 RI: Rhode Island  
 RTECS: Registry of Toxic Effects of Chemical Substances  
 SARA: Superfund Amendments and Reauthorization Act  
 STEL: Short Term Exposure Limit  
 TDG: Canadian Transportation of Dangerous Goods Act & Regulations  
 TLV: Threshold Limit Values  
 TWA: Time Weighted Average  
 WHMIS: Workplace Hazardous Materials Identification System

**References** : 1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2012  
 2. International Agency for Research on Cancer Monographs, searched 2012  
 3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases (Chempendium, HSDB and RTECs). (2012)  
 4. Material Safety Data Sheets from manufacturer.  
 5. US EPA Title III List of Lists (July 2011)  
 6. California Proposition 65 List (16 March 2012)

**Prepared for:**

A.R. Medicom Inc  
 1200 55th Avenue  
 Montreal, QC, Canada, H8T 3J8  
 Telephone: (514) 636-6262  
 Direct all enquiries to: A.R. Medicom Inc



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<b>Prepared by:</b> ICC The Compliance Center Inc. <a href="http://www.thecompliancecenter.com">http://www.thecompliancecenter.com</a>	
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**DISCLAIMER OF LIABILITY**

This Material Safety Data Sheet was prepared by ICC The Compliance Center Inc using information provided by / obtained from A.R. Medicom Inc and CCOHS' Web Information Service. The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. ICC The Compliance Center Inc and A.R. Medicom Inc expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process.

This Material Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of ICC The Compliance Center Inc and A.R. Medicom Inc.

**Preparation Date (mm/dd/yyyy)**

: 07/06/2012

**END OF DOCUMENT**



**Safety Data Sheet: Dental Prophylaxis Paste with Sodium Fluoride****SECTION 1: IDENTIFICATION**

Product Name: Dental Prophylaxis Paste with Fluoride

Catalog Numbers: 10031-CCH, 10031-CM, 10031-CPC, 10031-FBG, 10031-FM, 10031-MCH  
10031-MM, 10031-MPC, 10047-CCH, 10047-CM, 10047-CPC, 10047-CRB  
10047-FBG, 10047-FM, 10047-MCH, 10047-MM, 10047-MPC

Product Classification: Prophylaxis Paste

Active Ingredient: Sodium Fluoride

Manufactured By: A.R. Medicom Inc.  
1200 55<sup>th</sup> Avenue,  
Montreal, Quebec H8T 3J8

Issue Date: 01-Dec-2014

Supersedes Date: None

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	761-49-4	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 a 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	(H2O = 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**

**Stability:** Stable.

**Materials and Conditions to Avoid:** Strong Acids. Heat.

**Hazardous Decomposition Products:** Toxic Fumes (HF).

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**SECTION 11: TOXICOLOGY INFORMATION**

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

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicological Information:** Not determined.

**Chemical Fate Information:** 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**

**DOT (49CFR172)**

Proper Shipping Name: Non-Regulated Material

Identification Number: N/A

Marine Pollutant: No

Special Provisions: N/A

**Emergency Response Guidebook (ERG) #**

Proper Shipping Name: Non-Regulated Material

Class or Division: N/A

UN or ID Number: N/A

Packaging Instructions: N/A

**Emergency Response Guidance (ICAO) #**

Proper Shipping Name: Non-Regulated Material

Class or Division: N/A

UN or ID Number: N/A

Special Provisions & Stowage/Segregation: N/A

**Emergency Schedule (EMS) #:** N/A



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.**

**FDA: Food Packaging Status:** This product has not been cleared by the USFDA for use in food packaging and/or other applications as an indirect food-packaging additive.

**Occupational Safety and Health:** This product is considered to be hazardous under the Its hazards are: **NONE.**

**RCRA:** This product contains the following chemicals which are considered to be hazardous waste under RCRA (40CFR261): **NONE.**

**SARA Title III: Section 302 (RQ):** This product contains no chemicals regulated under Section 302 as extremely hazardous substances.

**SARA Title III: Section 304 (TPQ):** This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40CFR370). Its hazards are: **SODIUM FLUORIDE** (CAS # 7681-49-4, Corrosive).

**SARA Title III: Section 311-312:** This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification (CERCLA List): **SODIUM FLUORIDE** (CAS # 7681-49-4, 1000 RQ #).

**SARA Title III: Section 313:** 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: **NONE.**

**TSCA Section 8(b): Inventory:** This product contains chemicals listed on the TSCA Inventory, or otherwise complies with TSCA pre-manufacture notification requirements: **SODIUM FLUORIDE** (CAS # 7681-49-4).

**TSCA Significant New Use Rule:** None of the chemicals in this material have an SNUR under TSCA.

**State Regulations:** Contact E. C. Moore for more information

**International Regulations:**

**CDSL: Canadian Inventory:** 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: **H316 (N/A)**, Causes mild skin irritation; **H319 (R36)**, Causes serious eye irritation; **H335 (R37)**, May cause respiratory irritation; **H303 (N/A)**, May be harmful if swallowed.
- PRECAUTIONARY STATEMENTS: **P102 (S2)**, Keep out of reach of children; **P261 (S24)**, Avoid breathing dust/fumes/gas mist/vapor sprays; **P280 (S36/37/39)**, Wear protective gloves/clothing/eye protection/face protection; **P309+314 (S45)**, If exposed, or you feel unwell, seek medical advice/attention.

**SECTION 16: OTHER INFORMATION**

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

Items in parenthesis relate to 1999/45/EC

**Danger Symbols:**

**GHS06 (T)** – Toxic  
**GHS07 (Xi)** – Warning/Irritant

**Hazard Statements:**

**H301 (R25)** – Toxic if swallowed  
**H315 (R38)** – Causes skin irritation  
**H316 (N/A)** – Causes mild skin irritation  
**H319 (R36)** – Causes serious eye irritation  
**H335 (R37)** – May cause respiratory irritation  
**H336 (R67)** – May cause drowsiness or dizziness  
**EUH032 (R32)** – Contact with acid liberates toxic gas  
**H303 (N/A)** – May be harmful if swallowed

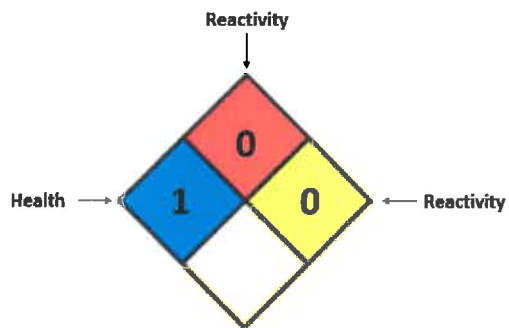
**Precautionary Statements:**

**P102 (S2)** – Keep out of reach of children  
**P261 (S24)** – Avoid breathing dust/fumes/gas mist/vapor/sprays  
**P280 (S36/37/39)** – Wear protective gloves/clothing/eye protection/face protection  
**P309+314 (S45)** – If exposed, or you feel unwell, seek medical advice/attention  
**P309+314 (S45)** – If exposed, or you feel unwell, seek medical advice/attention



### Hazard Rating System (Pictograms)

NFPA:



HMIS:

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	

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