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ECR# 24752

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Fluoridex Enhanced Whitening 1.1% NSF 5000 ppm Toothpaste

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Professional dental

**Uses advised against** No information available

### Supplier's details

#### **Supplier Address**

DenMat  
1017 W. Central Ave.  
Lompoc, CA 93436  
TEL: 805-346-3700

### Emergency telephone number

**Emergency Telephone Number** 805-346-3700

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Not classified

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal Word** None

The product contains no substances which at their given concentration are considered to be hazardous to health

**Appearance** Green. **Physical State** Liquid. **Odor** Mint.

### **Precautionary Statements**

#### **Prevention**

- None

**General Advice**

- None

**Storage**

- None

**Disposal**

- None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

0% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %	Trade secret
Glycerin	56-81-5	5-15	*
Sodium fluoride	7681-49-4	1.13	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**4. FIRST AID MEASURES**

**Description of necessary first-aid measures**

- Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/ attention.
- Skin Contact** Wash skin with soap and water. Get medical attention if irritation develops and/or persists.
- Inhalation** Not an expected route of exposure. Move to fresh air. Get medical attention if symptoms occur.
- Ingestion** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** No information available.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Water spray. Dry powder. Alcohol-resistant foam.

**Unsuitable Extinguishing Media** No information available.

**Specific Hazards Arising from the Chemical**

Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products** Carbon monoxide. Nitrous oxide. Silicon dioxide. Potassium oxides. Sodium oxides. Hydrogen fluoride.

**Explosion Data**

**Sensitivity to Mechanical Impact** None.  
**Sensitivity to Static Discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment as required. Refer to Section 8.

**Environmental Precautions**

**Environmental Precautions** See Section 12 for additional Ecological Information. Prevent further leakage or spillage if safe to do so. Prevent from entering into soil, ditches, sewers, waterways, and/ or groundwater.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**Methods for Cleaning Up** Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Handling** Use according to package label instructions.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products** Oxidizing agents. Strong alkalis. Acids.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines** The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup> mist	-	-
Sodium fluoride 7681-49-4	TWA: 2.5 mg/m <sup>3</sup> F	TWA: 2.5 mg/m <sup>3</sup> F TWA: 2.5 mg/m <sup>3</sup> dust (vacated) TWA: 2.5 mg/m <sup>3</sup>	IDLH: 250 mg/m <sup>3</sup> F TWA: 2.5 mg/m <sup>3</sup> F

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational

Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

**Appropriate engineering controls**

**Engineering Measures**                      Showers  
                                                          Eyewash stations  
                                                          Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**                      Goggles.  
**Skin and Body Protection**                Neoprene gloves.  
**Respiratory Protection**                    In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene Measures**                        When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Wash thoroughly after handling.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid.	<b>Appearance</b>	Green.
<b>Odor</b>	Mint.	<b>Odor Threshold</b>	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	6.8 - 7.8	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Gravity	1.05 @25°C	No units, but stated at a given temperature
Water Solubility	Miscible	None known
Solubility in other solvents	Partial.	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	500,000 cps	None known
<b>Flammable Properties</b>	Not flammable	
<b>Explosive Properties</b>	No data available	
<b>Oxidizing Properties</b>	No data available	

**Other information**

VOC Content (%)	No data available
VOC (g/l)	<0.5

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

Oxidizing agents. Strong alkalis. Acids.

**Hazardous decomposition products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Product Information</b>	There is no data available for this product
<b>Inhalation</b>	There is no data available for this product.
<b>Eye Contact</b>	May cause irritation.
<b>Skin Contact</b>	May cause irritation.
<b>Ingestion</b>	There is no data available for this product.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glycerin	= 12600 mg/kg ( Rat )	21900 mg/kg ( Rat )	> 570 mg/m <sup>3</sup> ( Rat ) 1 h
Sodium fluoride	= 52 mg/kg ( Rat )	= 175 mg/kg ( Rat )	-

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** No information available.  
**Mutagenic Effects** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium fluoride		Group 3		X

**IARC: (International Agency for Research on Cancer)**  
 Group 3 - Not Classifiable as to its Carcinogenicity to Humans

**Reproductive Toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.

**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product**

**Unknown acute toxicity** 0% of the mixture consists of ingredient(s) of unknown toxicity.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Not Classified

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Glycerin 56-81-5	-	LC50 96 h: 51 - 57 mL/L static (Oncorhynchus mykiss)	-	EC50 24 h: > 500 mg/L (Daphnia magna)
Sodium fluoride 7681-49-4	EC50 96 h: = 272 mg/L (Pseudokirchneriella subcapitata) EC50 72 h: = 850 mg/L static (Desmodesmus subspicatus)	LC50 96 h: 38 - 68 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 180 mg/L semi-static (Pimephales promelas) LC50 96 h: = 830 mg/L semi-static (Lepomis macrochirus) LC50 96 h: > 530 mg/L (Lepomis macrochirus)		EC50 48 h: = 338 mg/L (Daphnia magna) EC50 48 h: = 98 mg/L Static (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Glycerin	-1.76

**Other Adverse Effects**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies

DSL Complies

**Legend**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium fluoride	1000 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium fluoride	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Glycerin	X	X	X		X
Sodium fluoride	X	X	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**16. OTHER INFORMATION**

<b>NFPA</b>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b>HMIS</b>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection X

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**Revision Note**

Initial Release.

**General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**