



Safety Data Sheet

Issuing Date: 30 Sept 2020

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ECR# 27238



<i>Section 1. Identification</i>		
Domestic Product Name:	2% Sodium Fluoride Rinse	Part Number(s): 2037MTDT
Export Product Name:	2% Sodium Fluoride Rinse	2037RBDT
Manufacturer:	Dental Technologies, Inc. 6901 N. Hamlin Ave. Lincolnwood, IL 60712	Phone: 800-835-0885 Fax: N/A
Chemical Use: Topical fluoride treatment. For professional use only. Do not use on persons hypersensitive to fluoride or other formula ingredients.		

<i>Section 2. Hazard(s) Identification</i>		
Appearance:	The product as manufactured is a liquid.	Ratings:
Classification:	Eye Irritation: 2A Skin Irritation: 2 Flammability: 0 Reactivity: 0	Minimal 0 Slight 1 Moderate 2 Severe 3 Extreme 4
Signal Word:	Warning	
Hazard Information:	Hazard Statements: H301- Toxic if swallowed H315- Causes skin irritation H319- Causes serious eye irritation T- Toxic substances or preparations Xi- Irritants R25- Toxic if swallowed R31- Contact with acids liberates toxic gas R36/38- Irritating to eyes/skin Acute Tox Cat 3- Acute Toxicity Category 3	
Precautionary Information:	Precautionary statements: P270- Do not eat, drink or smoke when using this product P280- Wear protective gloves/protective clothing/eye protection/face protection	
Other Hazards:	No applicable information available	

<i>Section 3. Composition and Information for Product Ingredients</i>			
Chemical Name	CAS #	Synonyms	% W/W
Sodium Fluoride	7681-49-4	N/A	2%
Sodium Benzoate	532-32-1	N/A	<1%
Water	7732-18-5	N/A	90-98%
Flavor	Mixture	N/A	<4%

<i>Section 4. First Aid Measures</i>	
Exposure Scenario	First Aid Measures
Inhalation	Not applicable.
Ingestion	If more than the normal amount used for rinsing is swallowed, get immediate medical attention.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, get medical attention. Launder clothing before re-use.
Eye Contact	Immediately flush victim's eyes with large quantities of water for several minutes, holding the eyelids apart. Get medical attention if irritation persists.
General Precautions	Not expected to present a significant hazard under anticipated conditions of normal use. May cause eye and skin irritation. May be harmful if swallowed. Immediate medical attention should not be required except in cases of high quantities of ingestion.
Note to Physician	Treat symptomatically.



<i>Section 5. Fire Fighting Measures</i>	
Characteristic	Details
Flash Point	Not applicable
Extinguishing Media	Use Chemical Foam, CO ₂ , Dry Chemical Powder, or Water Spray. NOTE: Water may be ineffective in extinguishing the fire.
Unusual Fire/Explosion Hazards	Not determined.
Special Protective Equipment	<p>Firefighters should wear full emergency equipment and approved positive pressure self-containing breathing apparatus.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Hands </div> <div style="text-align: center;">  Respiratory </div> <div style="text-align: center;">  Thermal </div> </div> <div style="text-align: center; margin-top: 10px;">  Eyes/Face </div>

<i>Section 6. Accidental Release Measures</i>	
Measure	Details
Personal Precautionary Measures	Do not expose to open flames. Avoid contact with skin, eyes or clothing. Wear appropriate protective clothing as described in Section 8. Prevent entry into sewers and waterways. Report releases as required by local, state, and national authorities. Avoid contact with skin, eyes or clothing. Wear appropriate protective clothing as described in Section 8.
Cleaning/Absorption Measures	<p>Clean up with absorbent material and remove residue with alcohol damp wipe. Rinse spill area with water. Use non-sparking tools and equipment.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Eyes/Face </div> <div style="text-align: center;">  Hands </div> </div>

Section 7. Handling and Storage

Action	Details
Handling	Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly after handling. Keep away from heat, sparks, flames, and other sources of ignition.
Storage	Store in a cool, dry, well-ventilated area away from heat, direct sunlight and all sources of ignition. Store away from incompatible materials. Keep container closed to prevent contamination.

Section 8. Exposure Controls and Personal Protection

Action	Details
Engineering Controls	None required under normal product handling conditions.
Respiratory Protection	None should be needed under normal use. If exposure limits are exceeded an approved respirator or supplied air respirator appropriate should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.
Protective Clothing	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Eyes/Face</p> </div> <div style="text-align: center;">  <p>Hands</p> </div> </div>
Eye Protection	Chemical safety goggles should be worn if needed to avoid eye contact.
Skin Protection	Wear impervious gloves such as natural rubber or neoprene if needed to avoid skin contact. Consult glove supplier for thickness and breakthrough times.
OSHA PEL	No applicable information available
ACGIH TLV	No applicable information available

Section 9. Physical and Chemical Properties of Product

Characteristic	Details
Appearance	Liquid
pH	6.50-7.50
Specific gravity	Not Available
Boiling point/ Boiling Range	Not Available
Melting point/ Freezing Point	Not Available
Flash Point	Not Available
Flammability	Not Available
Flammability & Explosive Limits	Not Available
Vapor Pressure	Not Available
Vapor Density	Not Available
Relative Density	1.00 to 1.01g/cc @25°C/77°F
Solubility	Soluble
Odor Threshold	Various colors and flavors
Evaporation Rate (nBuAc =1)	Not Available
Partition coefficient	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	0-50 cps

Section 10. Stability and Reactivity of Product

Characteristic	Details
Reactivity/ Chemical Stability	Stable at ambient temperature and under normal conditions of use. Stable at standard temperature and pressure.
Hazardous Polymerization	None known.
Conditions to Avoid	Keep away from heat, sparks, incompatible materials, flames and other sources of ignition.
Incompatible Materials	High temperatures, strong oxidizing agents. Keep away from sunlight and open flames.
Hazardous Decomposition	None known.

Section 11. Health Hazard Information

Toxicity Category	Details
Chronic Effects:	No chronic health effects reported.
Target Organs	No target organs reported.
Carcinogenicity	Not classified.
NTP	No
IARC	No

Section 12. Ecological Information

Characteristic	Details
Toxicity	Sodium Fluoride: Rainbow Trout 96hr LC50: 317ppm; Water flea 48hr EC50:352 mg/kg
Degradability	No data available
Persistence	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Results of PBT and vPvB Assessment	No data available

Section 13. Disposal of Product

Measure	Details
Disposal Methods	Dispose in accordance with all national and local regulations. Product used in household may be disposed of in refuse or sewer. Dispose in accordance with national and local regulations. This material is not considered a hazardous waste under the United States Resource Conservation and Recovery Act when disposed.
Disposal Container	No applicable information available
Waste Handling	No applicable information available

Section 14. Transport Information

Land Transportation		
DOT (non-bulk)	DOT Shipping Name	Not Dangerous Goods
	UN/NA Number	Not applicable
	Hazard Class	Not applicable
DOT (bulk)	DOT Shipping Name	Not Dangerous Goods

	UN/NA Number	Not applicable
	Hazard Class	Not applicable
	Packing Group	Not applicable
ADR ó Road	Not Dangerous Goods	
RID ó Rail	Not Dangerous Goods	
IMDG ó Sea	Not Dangerous Goods	
IATA ó Air	Not Dangerous Goods	

<i>Section 15. Regulatory Information</i>	
Category	Details
TSCA Inventory	All intentionally added components of this product are listed on the US TSCA Inventory.
SARA Hazard Categories	None.
CERCLA	The following ingredients present in the finished product are listed on state right-to-know lists or state work exposure lists. Ingredient(s): Sodium Fluoride ($\leq 1\%$ conc.) CERCLA RQ: 1,000 lbs State(s): Below Reporting Threshold
California	This product has been evaluated and does not require warning labeling under California Proposition 6.

<i>Section 16. Other Information</i>
Preparation and Release Date: 30 Sept 2020 ECR # 27238
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