

SAFETY DATA SHEET
IRIS FLUORIDE PROPHYPASTE

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Issued: 3/23/15
Revision No. 0
136081

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: IRIS FLUORIDE PROPHYPASTE

Other Means of Identification

Product Item Code(s): N/A

Recommended use of the chemical and restriction on use

Recommended Use: Anti-Caries preventative.

Restrictions on Use: For professional use only. Do not swallow

Name, address, telephone number of the supplier:

Distributor: Benco Dental
295 Center Point Blvd.
Pittson, PA 186409
USA

Information Telephone Number: 1-800-GO-BENCO (Customer Service)

Chemical Emergency Telephone Number: (Chemical Spills, Leaks, Fire, Exposure, or Accident only)

1-800-424-9300 (CHEMTREC) 1-703-527-3887 (Outside the US)

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification

- Acute toxicity category 3
- Eye irritation category 2
- Skin irritation category 2

Signal Word: Warning

Hazard Statements:

Harmful if swallowed.

Causes eye irritation.

Causes skin irritation

Pictograms:



Precautionary Statements:

Keep out of the reach of children.

Keep container tightly closed.

Wash hands thoroughly after handling.

Hazards not otherwise classified: None

Unknown Acute Toxicity: No ingredient with unknown toxicity.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No./ EINECS No.	Percent (By Weight)
Glycerin	56-81-5/200-289-5	25-45%
Sodium Fluoride	7681-49-4/231-667-8	1-3%
Phosphoric acid	7664-38-2/231-633-2	1-3%
Sodium Silicate	1344-09-8/ 215-687-4	1-5%

The exact concentration (%) is being withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with large quantities of water for at least 15 minutes, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin Contact: Wash skin with plenty of soap and water. Get medical attention if irritation develops.

Ingestion: Do not induce vomiting. If conscious, rinse out mouth with water and give copious amounts of milk, or water if milk is not available. Never give anything by mouth to an unconscious person. If symptoms persist, get immediate medical attention.

Inhalation: Move victim to fresh air. If breathing is difficult have qualified personnel administer oxygen. Get medical attention if irritation persists.

Most Important symptoms/effects, acute and delayed:

May cause eye irritation. May be harmful if swallowed.

Indication of immediate medical attention and special treatment needed:

No information available.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use media appropriate for the surrounding fire.

Specific hazards arising from the chemical: None known.

Special Protective equipment and precautions for firefighters: Firefighters should wear full emergency equipment and positive pressure self-contained breathing apparatus.

Unusual Fire/Explosion Hazards: None under normal conditions of use.

Known or Anticipated Hazardous Products of Combustion: Carbon monoxide, carbon dioxide and toxic fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid contact with eyes, skin and clothing. Use appropriate protective equipment as described in Section 8.

Environmental Precautions: Prevent spill from entering waterways.

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Methods and materials for containment and cleaning up: Wipe up or collect using an inert absorbent material and place in appropriate containers for disposal. Rinse spill area with water. Prevent spill from entering sewers and water courses. Report releases as required by local, state and federal authorities.

SECTION 7: HANDLING AND STORAGE
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Precautions for safe handling: Avoid contact with the eyes, skin and clothing. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Keep containers tightly closed when not in use.

Do not reuse containers. Empty containers retain product residues that can be hazardous. Follow all safety precautions when handling empty containers.

Conditions for safe storage including any incompatibilities: Store in a cool, dry, well ventilated area. Keep out of direct sunlight. Keep container tightly closed. Keep out of reach of children. Keep away from strong acids and oxidizing materials.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION
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Exposure Control Parameters: The parameters are not provided for the product itself. They are provided for the ingredients listed below:

Occupational Exposure Limits:

Sodium Fluoride (as Fluoride)	2.5mg/m ³ ACGIH TLV TWA 2.5mg/ m ³ OSHA PEL
Phosphoric acid	1mg/m ³ ACGIH TLV TWA 1mg/ m ³ OSHA PEL
Glycerin	5mg/m ³ OSHA PEL (Respirable Fraction)

Appropriate Engineering Controls: No special ventilation normally required. For bulk handling, use ventilation that is adequate to maintain exposure levels below the occupational exposure limits.

Individual Protection Measures:

Personal Protective Equipment

Eye Protection: Safety glasses recommended for bulk handling. None required for normal use.

Skin Protection: Wear impervious gloves for bulk handling. None required for normal use.

Respiratory Protection: None should be needed for normal use. If the exposure limits are exceeded an approved respirator with particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

Other Protective Clothing or Equipment: None needed for normal use. Impervious clothing as needed to avoid contamination of personal clothing for bulk handling.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Paste of various colors.

Odor: Characteristic

Odor Threshold: Not available

pH: Not available

Melting Point: Not applicable

Freezing Point: Not available

Boiling Point/Range: Not available

Flashpoint: Not available

Evaporation Rate: Not available

Flammability (solid, gas): Not available

Upper/lower flammability or explosive limits:

LEL: Not available

UEL: Not available

Vapor Pressure: Not available

Vapor Density: Not available

Relative Density: Not available

Solubility in water: Not available

Partition coefficient

(n-octanol/water): Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

Viscosity: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known

Chemical Stability: Stable

Possibility of Hazardous Reactions: None under normal conditions of use

Conditions to Avoid: Heat

Incompatible Materials: Avoid oxidizing agents and strong acids.

Hazardous Decomposition Products: May produce carbon monoxide, carbon dioxide and toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Toxicological data are not available for the product itself. The data provided are for the ingredients listed below.

Sodium Fluoride: Oral rat LD₅₀: 52 mg/kg

Phosphoric acid: Oral rat LD₅₀: 1530 mg/kg

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Glycerin: Oral rat LD₅₀: 12600 mg/kg

Likely Routes of Exposure and the Symptoms related to the Physical, Chemical and Toxicological

Characteristics:

Eyes: Direct contact causes eye irritation.

Skin: Prolonged skin contact may cause irritation.

Inhalation: No adverse effects expected.

Ingestion: May cause salivation, nausea, vomiting, abdominal pain, headaches, or dizziness.

Chronic Health Effects: Not expected under normal conditions of use. Repeated over exposure to sodium fluoride may cause fluorosis.

Mutagenicity: No data available.

Carcinogenicity: Not known to be as carcinogen or potential carcinogen by NTP (National Toxicological Program), IARC (International Agency for the Research of Cancer) or OSHA (Occupational Safety and Health Administration) or ACGIH (American Conference of Governmental Industrial Hygienists).

Medical Conditions Aggravated by Exposure: Persons with preexisting skin disorders are at increased risk from exposure.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Ecological data are not available for the product itself. The data provided are for the ingredients listed below:

Sodium Fluoride: 96 hrs. LC₅₀ rainbow trout: ≥100 mg/L

Phosphoric acid: 48 hrs. LC₅₀ fish: 3 mg/L

Glycerin: 24hrs. LC₅₀ Goldfish: ≥ 5000 mg/L

96 hrs. LC₅₀ Fathead minnow: 44,000 mg/L

Persistence and degradability

No information available

Bioaccumulative Potential: No data available

Mobility in soil:

No data available

Other adverse effects:

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with national and local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT (US)

This is not a DOT controlled material

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Proper Shipping Name: Not a regulated material

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

Air (IATA/ICAO)

This is not a regulated material

Proper Shipping Name: Not a regulated material

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

IMO/IMDG

This is not a regulated material

Proper Shipping Name: Not a regulated material

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

SARA TITLE III:

Hazard Category for Section 311/312: Acute health, chronic health.

Section 313 Toxic Chemicals: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None at or above reportable quantity.

Section 302 extremely hazardous Substances (TPQ): None at or above reportable quantity

EPA Toxic Substances Control Act (TSCA) Status: This product is regulated by the Food and Drug Administration and not subject to chemical notification requirements.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data 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.

SECTION 16: OTHER INFORMATION

Risk phrases used in Section 2: Not applicable

Date of preparation of SDS: March 23, 2015

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 any damage resulting from handling or from contact with the above product.