

SAFETY DATA SHEET
KOLORZ SIXTY SECOND 1.23% FLUORIDE GEL

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Issued: 11/13/14
Revision No. 0
395864

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: KOLORZ SIXTY SECOND 1.23% FLUORIDE GEL

Other Means of Identification

Product Item Code(s): 777301, 777302, 777303, 777304, 777305

Recommended use of the chemical and restriction on use

Recommended Use: Topical Fluoride Treatment

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

Name, address, telephone number of the supplier:

Company Address: DMG America, LLC
242 South Dean St.
Englewood, NJ 07631
USA

Information Telephone Number: 201-894-5500

Emergency Telephone Number: 1-800-535-5053 (Infotrac)

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification

- Acute Toxicity category 3.
- Eye Irritant category 2.
- Skin Irritation category 2.

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Pictograms:



Harmful
Irritant

Precautionary Statements:

P102: Keep out of the reach of children.

P233: Keep container tightly closed.

P264: 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)
Sodium Fluoride	7681-49-4/231-667-8	2-3%
Phosphoric Acid	7664-38-2/231-633-2	1-3%

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 and skin 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 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.

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.

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SECTION 7: HANDLING AND STORAGE

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 between 20-25°C (68-77°F). Keep from freezing. Keep container tightly closed. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

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 TWA ACGIH 2.5mg/ m ³ TWA OSHA
Phosphoric Acid	1mg/m ³ TLV TWA ACGIH 1mg/m ³ OSHA PEL

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: Gel of various colors
Odor: Characteristic
Odor Threshold: Not available
pH: 3.5-6.0
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: Partial soluble
Partition coefficient
(n-octanol/water): Not available
Autoignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

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 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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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 overexposure 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).

Medical Conditions Aggravated by Exposure: Individuals with pre-existing skin disease may be at increased risk from exposure.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

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

Sodium Fluoride: 96 hrs. LC₅₀ fish: >100 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 Shipping Name: Not Regulated

DOT Hazard Class: N/A

UN Number: N/A

DOT Labels Required (49CFR172.101): N/A

IATA Shipping Name: Not Regulated

IATA Hazard Class: N/A

