

Safety Data Sheet

Perio-Care® 1.7% Hydrogen Peroxide

Teeth Whitening Gel

1. Identification

Product Name(s): Perio-Care® 1.7% Hydrogen Peroxide Teeth Whitening Gel

Perio-Care, Inc.
10855 Business Center Drive
Cypress, CA 90630
Phone: 888-416-3773 Fax: 888-416-3773
Emergency Phone: 888-416-3773

Recommended Use: Teeth Whitening Gel

2. Hazards Identification

Emergency Overview

Clear gel, faint odor
Slight eye irritation potential
Not a fire hazard
Not an environmental hazard



Potential Health Effects

Primary Entry Routes: Oral, eye

Acute Effects

Inhalation: None known

Eye: May cause slight irritation, but will not cause injury

Skin: Not a skin irritant, prolonged contact may cause transient irritation

Ingestion: Not considered toxic by ingestion. Swallowing small amounts (1 oz or more) may cause nausea and vomiting within minutes and diarrhea and mild GI irritation may occur up to 24 hours after ingestion.

Medical Conditions Aggravated by Long-Term Exposure: None known

Chronic Effects/Carcinogenicity: Not applicable

3. Composition / Information on Ingredients

Ingredient Name	% wt	CAS Number
Hydrogen Peroxide	1.7 %	7722-84-1
Vegetable Glycerin		68514-12-5
Aloe Barbadensis Leaf Juice		94349-62-9
Triethanolamine		102-71-6
Vitamin E Acetate		7695-91-2
Carbomer		9007-20-9
EDTA Tetrasodium		64-02-8
Dimethyldimethyl Hydantoin		6440-58-0
Diazolidinyl Urea		78491-02-8
Xylitol		87-99-0
Peppermint Oil		8006-90-4

4. First Aid Measures

Eye Contact: Rinse thoroughly with water, if irritation persists, seek medical attention

Skin Contact: Rinse thoroughly with water.

Ingestion: For ingestion of small amounts (1 oz or more), administer milk (water or other liquid if milk is unavailable) to dilute stomach contents. For ingestion of larger amounts (≥ 3 oz in children, ≥ 8 oz in adults), administer milk (water or other liquid if milk is unavailable) to dilute stomach contents and contact a physician for further treatment.

Inhalation: Not applicable

After first aid, get appropriate in-plant, paramedic, or community medical support.

5. Fire-Fighting Measures

Flash Point: None

Flash Point Method: Not Applicable

LEL: Not applicable

UEL: Not applicable

Flammability Classification: Non-flammable

Extinguishing Media: Water, dry chemical, alcohol foam, CO₂

Unusual Fire or Explosion Hazards: None known

Hazardous Combustion Products: None known

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

6. Accidental Release Measures

Scoop up solids into a waste container. Absorb liquids with appropriate inert absorbent. Wash away small quantities of residual material with water. Product spills may present a slipping hazard. Use caution during cleanup and flush area thoroughly with water.

7. Handling and Storage

For bulk containers and case quantities: Keep containers closed and store product at ambient temperatures away from direct sunlight. Avoid freezing or excessive heat. Avoid contacting product with eyes.

8. Exposure Controls/Personal Protection

Respiratory Protection: Nonrequired

Protective Gloves: Not normally required. Wear general purpose gloves if handling bulk product.

Eye Protection: Not normally required. Wear safety glasses or goggles if handling bulk product.

Other Protective Clothing/Equipment: Clean body covering clothing is sufficient

9. Physical and Chemical Properties

Appearance: Clear viscous gel

Odor: Faint

Odor Threshold: Not known

Vapor Pressure: Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (H₂O=1, at 4 °C): 1.05

pH: 4.5 – 5.9

Water Solubility: Moderately soluble

Boiling Point: 212° F (approx.)

Freezing/Melting Point: Not determined

% Volatile: 74%

Evaporation Rate: Not known

10. Stability and Reactivity

Stability: Product is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: None known

Conditions to Avoid: None known

Hazardous Decomposition Products: None known

11. Toxicological Information

Toxicity Data:

Eye Effects: Slight transient irritation possible

Skin Effects: Not a primary irritant

Acute Inhalation Effects: Not applicable

Acute Oral Effects: Considered non-toxic

Chronic Effects: None known

Carcinogenicity: No

Mutagenicity: No

Teratogenicity: No

12. Ecological Information

Ecological information has not been determined for this product.

13. Disposal Considerations

Any disposal practice must be in compliance with local, state and federal regulations. Local and state laws may be different than federal. Be sure to consult with local and state agencies for specific rules. Landfill this product in accordance with all applicable regulations. Dilute and drain small amounts to sewer.

14. Transportation Information

D.O.T. Shipping Name: Not regulated

Technical Shipping Name: Teeth Whitening Gel

D.O.T. Hazard Class: None

U.N./N.A. Number: None

Hazardous Substance/RQ: None

D.O.T. Label: None

D.O.T. Placard: None

15. Regulatory Information

Consumer Use:

USA: Regulated by Federal Food, Drug, and Cosmetic Act, Consumer Product Safety Act, and Federal Hazardous Substances Act. As such, these products are exempt from the OSHA requirements under 29 CFR 1910.1200.

Canada: Regulated by the Food and Drugs Act and Hazardous Products Act, and as such, are exempt from WHMIS.

16. Other Information

Perio-Care's revision date:

09/13/2020 **Revision Number:** 1

Legal Disclaimer:

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