

# SAFETY DATA SHEET

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Canada / English



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## 1. IDENTIFICATION

### Product identifier

Product Name Dental Whitening Gel

### Other means of identification

Product Code(s) 1611439

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

Recommended Use Dental whitening gel

Restrictions on use No information available

### Details of the supplier of the safety data sheet

Initial supplier identifier Spa Dent Inc.

Address 254-55 Northfield Drive East  
WATERLOO  
Ontario  
N2K 3T6  
CA

Telephone Phone:519-725-4025

E-mail info@spa-dent.com

### Emergency telephone number

Company Emergency Phone Number 519-725-4025

## 2. HAZARDS IDENTIFICATION

### Classification

Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1
Oxidizing liquids	Category 3
Corrosive to metals	Category 1



**GHS Label elements, including precautionary statements****Danger****Hazard statements**

Causes severe skin burns and eye damage

May intensify fire; oxidizer

May be corrosive to metals

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Keep away from clothing and other combustible materials

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep only in original packaging

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor

Specific treatment (see supplemental first aid instructions on this label)

**Eyes**

Immediately call a POISON CENTER or doctor

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

Wash contaminated clothing before reuse

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Immediately call a POISON CENTER or doctor

**Ingestion**

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Fire**

In case of fire: Use water spray to extinguish

**Spill**

Absorb spillage to prevent material damage

**Precautionary Statements - Storage**

Store locked up

Store in corrosion resistant container with a resistant inner liner

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

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**Other information**

Harmful to aquatic life with long lasting effects

**Unknown acute toxicity** 45.6 % of the mixture consists of ingredient(s) of unknown toxicity  
 14.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 45.6 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 45.6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 45.6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 45.6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Not applicable.

**Mixture**

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Glycerin	56-81-5	25	-	-
Urea peroxide	124-43-6	15	-	-
Hydrogen peroxide	7722-84-1	4.25	-	-
Dipotassium phosphate	7758-11-4	1.4	-	-

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Inhalation</b>	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
<b>Skin contact</b>	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. Get immediate medical advice/attention.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get immediate medical advice/attention.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective

equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

### **Most important symptoms and effects, both acute and delayed**

**Symptoms** Burning sensation.

### **Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.

## **5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media** Use water. Do not use dry chemicals or foams. CO<sub>2</sub> or Halon may provide limited control. Flood fire area with water from a distance. Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Dry chemical. Foam.

**Specific hazards arising from the chemical** These substances will accelerate burning when involved in a fire. Some may decompose explosively when heated or involved in a fire. May ignite combustibles (wood paper, oil, clothing, etc.). Runoff may create fire or explosion hazard. The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous Combustion Products** Carbon oxides.

### **Explosion Data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** Yes.

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. Do not move cargo or vehicle if cargo has been exposed to heat. oxidizer. May ignite combustibles (wood paper, oil, clothing, etc.). Move containers from fire area if you can do it without risk. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. ALWAYS stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn.

## **6. ACCIDENTAL RELEASE MEASURES**

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

**Personal precautions** Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See section 8 for more information. Stop leak if you can do it without risk. Use personal protective equipment as required. Attention! Corrosive material.

**Other Information** Keep combustibles (wood, paper, oil, etc) away from spilled material. Do not get water inside containers. Ventilate the area. Refer to protective measures listed in Sections 7 and



8.

**Methods and material for containment and cleaning up****Methods for containment**

Dike far ahead of spill; use dry sand to contain the flow of material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Stop leak if you can do it without risk.

**Methods for cleaning up**

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Flush area with flooding quantities of water. Prevent product from entering drains. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Advice on safe handling**

Use personal protection equipment. Avoid contact with skin, eyes or clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Take off contaminated clothing and wash before reuse.

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

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. Do not store near combustible materials. Store in accordance with the particular national regulations. Store in accordance with local regulations. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Limits**

Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Glycerin 56-81-5	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>		TWA: 10 mg/m <sup>3</sup>
Hydrogen peroxide 7722-84-1	TWA: 1 ppm TWA: 1.4 mg/m <sup>3</sup>	TWA: 1 ppm	TWA: 1 ppm	TWA: 1 ppm

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992). See section 15 for national exposure control parameters.

**Appropriate engineering controls****Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.



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

<b>Eye/face protection</b>	Face protection shield.
<b>Hand protection</b>	Wear suitable gloves. Impervious gloves.
<b>Skin and body protection</b>	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Wear fire/flame resistant/retardant clothing.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>General hygiene considerations</b>	Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Gel; Liquid
<b>Appearance</b>	Clear to hazy, colorless
<b>Odor</b>	Mint-like
<b>Color</b>	No information available
<b>Odor Threshold</b>	Not applicable

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks Method</u></b>
<b>pH</b>	5.0	
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	No data available	None known
<b>Flash Point</b>	No data available	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		None known
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>	1.7368	
<b>Water Solubility</b>	Partially soluble	
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	no data available	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

**Other Information**

<b>Explosive properties</b>	No information available.
<b>Oxidizing properties</b>	No information available.
<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC Content (%)</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk Density</b>	No information available
<b>Particle Size</b>	No information available

**Particle Size Distribution** No information available

## 10. STABILITY AND REACTIVITY

**Reactivity** oxidizer.

**Chemical stability** May cause fire or explosion; strong oxidizer.

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

**Conditions to avoid** Heat, flames and sparks. Incompatible materials. Exposure to air or moisture over prolonged periods.

**Incompatible materials** Organic material. Combustible material. Hydrocarbons. Oxidizing agent. Acids. Bases.

**Hazardous Decomposition Products** Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Inhalation** Specific test data for the substance or mixture is not available. Corrosive by inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be fatal.

**Eye contact** Specific test data for the substance or mixture is not available. Causes burns. (based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage to eyes.

**Skin contact** Specific test data for the substance or mixture is not available. Corrosive. (based on components). Causes burns.

**Ingestion** Specific test data for the substance or mixture is not available. Causes burns. (based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

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

**Symptoms** Redness. Burning. May cause blindness. Coughing and/ or wheezing.

### Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	6,863.10 mg/kg
ATEmix (dermal)	50,048.00 mg/kg

<b>ATEmix (inhalation-gas)</b>	24,480.00 ppm
<b>ATEmix (inhalation-dust/mist)</b>	10.90 mg/L
<b>ATEmix (inhalation-vapor)</b>	59.80 mg/L

**Unknown acute toxicity** 45.6 % of the mixture consists of ingredient(s) of unknown toxicity  
 14.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 45.6 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 45.6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 45.6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 45.6 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Glycerin	= 12600 mg/kg ( Rat )	> 10 g/kg ( Rabbit )	> 2.75 mg/L ( Rat ) 4 h
Hydrogen peroxide	= 1518 mg/kg ( Rat )	= 9200 mg/kg ( Rabbit )	= 2000 mg/m <sup>3</sup> ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Classification based on data available for ingredients. Causes burns.
<b>Serious eye damage/eye irritation</b>	Classification based on data available for ingredients. Risk of serious damage to eyes. Causes burns.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Hydrogen peroxide 7722-84-1	A3	Group 3	-	-

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** Harmful to aquatic life with long lasting effects. .

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Glycerin	?	96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)	No data available	?
Hydrogen peroxide	?	96h LC50: 10.0 - 32.0	No data available	48h EC50: 18 - 32 mg/L



		mg/L (Oncorhynchus mykiss) 96h LC50: 18 - 56 mg/L (Lepomis macrochirus) 96h LC50: = 16.4 mg/L (Pimephales promelas)		(Daphnia magna)
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**Persistence and Degradability** No information available.

**Bioaccumulation**

#### Component Information

Chemical name	Partition coefficient
Glycerin	-1.76

**Mobility** No information available.

**Other adverse effects** No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Waste from residues/unused products** Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

### 14. TRANSPORT INFORMATION

#### TDG

**UN-No.** UN1511  
**Proper Shipping Name** UREA HYDROGEN PEROXIDE SOLUTION  
**Hazard Class** 5.1  
**Subsidiary class** 8  
**Packing Group** III  
**Description** UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III, LTD QTY

#### DOT

**UN-No.** UN1511  
**Proper Shipping Name** UREA HYDROGEN PEROXIDE SOLUTION  
**Hazard Class** 5.1  
**Subsidiary class** 8  
**Packing Group** III  
**Description** UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III, LTD QTY  
**Emergency Response Guide Number** 140

#### MEX

**UN-No.** UN1511  
**Proper Shipping Name** UREA HYDROGEN PEROXIDE SOLUTION  
**Hazard Class** 5.1  
**Subsidiary class** 8  
**Packing Group** III  
**Description** UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III



**ICAO**

UN-No.	UN1511
Proper Shipping Name	UREA HYDROGEN PEROXIDE SOLUTION
Hazard Class	5.1
Subsidiary class	8
Packing Group	III
Description	UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III

**IATA**

UN-No.	UN1511
Proper Shipping Name	UREA HYDROGEN PEROXIDE SOLUTION
Hazard Class	5.1
Subsidiary class	8
Packing Group	III
ERG Code	5C
Description	UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III

**IMDG/IMO**

UN-No.	UN1511
Proper Shipping Name	UREA HYDROGEN PEROXIDE SOLUTION
Hazard Class	5.1
Subsidiary class	8
Packing Group	III
EmS-No.	F-A, S-Q
Description	UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III

**RID**

UN-No.	UN1511
Proper Shipping Name	UREA HYDROGEN PEROXIDE SOLUTION
Hazard Class	5.1
Packing Group	III
Classification code	OC2
Description	UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III
ADR/RID-Labels	8

**ADR**

UN-No.	UN1511
Proper Shipping Name	UREA HYDROGEN PEROXIDE SOLUTION
Hazard Class	5.1
Packing Group	III
Classification code	OC2
Tunnel restriction code	(E)
Description	UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (8), III, (E)
Labels	8

**ADN**

UN-No.	UN1511
Proper Shipping Name	UREA HYDROGEN PEROXIDE SOLUTION
Hazard Class	5.1
Packing Group	III
Classification code	OC2
Description	UN1511, UREA HYDROGEN PEROXIDE SOLUTION, 5.1 (+ 8), III
Hazard Labels	5.1 + 8
Limited Quantity	5 KG

## 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture



**International Regulations**

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

**International Inventories**

**TSCA** Contact supplier for inventory compliance status.  
**DSL/NDSL** Contact supplier for inventory compliance status.  
**EINECS/ELINCS** Contact supplier for inventory compliance status.  
**ENCS** Contact supplier for inventory compliance status.  
**KECL** Contact supplier for inventory compliance status.  
**PICCS** Contact supplier for inventory compliance status.  
**AICS** Contact supplier for inventory compliance status.

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

<b>16. OTHER INFORMATION</b>
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<b><u>NFPA</u></b>	Health hazards 3	Flammability 0	Instability 1	<b>Physical and Chemical Properties</b> OX
<b><u>HMIS</u></b>	Health hazards 3	Flammability 0	Physical hazards 1	<b>Personal Protection</b> X

**Prepared By** Product Stewardship  
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 Latham, NY 12110  
 1-800-572-6501

**Revision Date** 05-Nov-2020

**Revision Note** No information available

**Disclaimer**

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**End of Safety Data Sheet**