



**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**GHS Product Identifier** WHITE LIGHTENING GEL/KIT

**Company Name**

Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)

**Address**

3/8 Nicole Close Bayswater North, VIC 3153 Australia

**Telephone/Fax Number** Tel: +61 3 9761 6615

Fax: +61 3 9761 6566

**Emergency phone number**

+61 3 9761 6615 BH

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

TOOTH BLEACHING AGENT

<b>Other Names</b>	<b>Name</b>	<b>Product Code</b>
	White lightening Kit	34413
	White lightening GEL (REFILL)	34415

**Other Information** PROFESSIONAL DENTIST SUPPLIES Ph: 03 9761 6615 (business hours)

The information contained within this material safety data sheet (SDS) is believed to be accurate on the date of issue and in accordance with the information provided to us. Any person handling the product referred to in this material safety data sheet do so at their own risk. Professional Dental Supplies accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained herein.

**SECTION 2 - HAZARDS IDENTIFICATION SUMMARY**

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7.6th edition)

Skin Corrosion/Irritation:

Category 2 Eye

Damage/Irritation: Category 2

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

**Pictogram (s)**

Exclamation mark



**Precautionary statement – Prevention**

P264 Wash hands and skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

SKIN

P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse.

EYE

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

**SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS**

NAME	CAS	Proportion
Propylene glycol	57-55-6	60-100 %
Carbamide Peroxide	124-43-6	10-18%
Ingredients determined not to be hazardous		Balance

**SECTION 4 - FIRST AID MEASURES**

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
Skin	Remove contaminated clothing. Wash affected area thoroughly with soap and water. Wash contaminated clothing before re-use or discard. Seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.
First aid	Eyewash Normal washroom facilities. Treat symptomatically.
Advice to DR.	Treat symptomatically, for advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.
Other information	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

**SECTION 5 - FIRE FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use appropriate fire extinguisher for surrounding environment.
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	Foam, carbon dioxide, chemical powder, water fog or water spray are suitable for the product.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Specific Hazards Arising from The Chemical</b>	This product is noncombustible. However, heating can cause expansion or decomposition leading to violent rupture of containers
<b>Hazchem Code</b>	NA
<b>Decomposition Temperature</b>	Not available
<b>Precautions in connection with Fire</b>	Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location. Water spray may be used to cool down heat-exposed containers.

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

### **Emergency Procedures**

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. Evacuate all unprotected personnel. If possible, contain the spill. Place inert, absorbent material onto spillage. Use clean equipment to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## **SECTION 7 - HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Avoid exposure. Use only in a well ventilated area. Keep containers tightly closed. Prevent the build up of dusts, mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

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

Store in a cool, dry, well-ventilated area, out of direct sunlight, away from heat and ignition sources. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

### **Corrosiveness**

Not corrosive to aluminium.

### **Storage Temperatures**

< 30°C

## **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

### **Occupational exposure limit values**

No exposure value assigned for this material by Safe Work, Australia. Carbamide Peroxide is a compound of urea and hydrogen peroxide. The exposure standards for Propylene Glycol and Hydrogen peroxide are listed below.

Propylene Glycol (vapour and particulates) TWA: 150 mg/m<sup>3</sup>, 474

ppm

Hydrogen  
peroxide TWA: 1  
mg/m<sup>3</sup>, 1.4 ppm

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

**Biological Limit Values**

No biological limits allocated.

**Appropriate Engineering Controls**

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/ NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection**

Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection**

Wear gloves of impervious material such as nitrile. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Body Protection**

Suitable protective workwear should be worn when working with this material, e.g. cotton overalls buttoned at neck and wrist.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Properties	Description	Properties	Description
Appearance	Clear gel	Colour	Clear
Odour	Mint	Decomposition Temperature	Not available
Melting Point	Not available	Boiling Point	Not available
Solubility in Water	Soluble	Specific Gravity	Not available
pH	Not available	Vapour Pressure	Not available
Vapour Density (Air=1)	Not available	Evaporation Rate	Not available
Odour Threshold	Not available	Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available	Flash Point	Not applicable

<b>Flammability</b>	Non-combustible liquid.	<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable	<b>Flammable Limits - Upper</b>	Not applicable

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight. Heat, open flames and other sources of ignition.
<b>Incompatible Materials</b>	Avoid contact with combustible materials
<b>Hazardous Decomposition</b>	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide and carbon dioxide.
<b>Reactivity</b>	Reacts with incompatible materials
<b>Hazardous Polymerization</b>	Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Toxicology Information**

No toxicity data available for this product.

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Inhalation**

Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

**Skin**

Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

**Eye**

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

**Respiratory sensitisation**

Not expected to be a respiratory sensitiser.

**Skin Sensitisation**

Not expected to be a skin sensitiser.

**Germ cell mutagenicity**

Not considered to be a mutagenic hazard.

**Carcinogenicity**

Not considered to be a carcinogenic hazard.

**Reproductive Toxicity**

Not considered to be toxic to reproduction

**STOT-repeated exposure**

Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard**

Not expected to be an aspiration hazard.

**Other Information**

Prolonged or repeated exposure to this material will result in skin irritation leading to possible dermatitis. Inhalation of vapours or mists may aggravate existing respiratory disorders.

**SECTION 12 - ECOLOGICAL INFORMATION**

**Ecotoxicity**

No ecological data available for this material.

**Persistence and degradability**

Not available

**Mobility**

Not available

**Bio accumulative Potential**

Not available

**Other Adverse Effects**

Not available

**Environmental Protection**

Prevent this material entering waterways, drains and sewers.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal considerations**

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

**SECTION 14 - TRANSPORT INFORMATION**

**Transport Information**

Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7.6th edition).

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

**IMDG Marine pollutant**

No

**SECTION 15 - REGULATORY INFORMATION**

**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule**

S5

**Australia (AICS)**

The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

**SECTION 16 - OTHER INFORMATION**

**DISCLAIMER:** The information presented herein is based on available data from reliable sources and is correct to the best of PDS' knowledge. PDS makes no warranty, express or implied, regarding the accuracy of the data or the results obtained from the use of this product. Nothing herein may be construed as recommending any practice or any product in violation of any law or regulations. The user is solely responsible for determining the suitability of any material or product for a specific purpose and for adopting any appropriate safety precautions.

**References:**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals, (GHS)

<https://www.nicnas.gov.au/chemical-information>

**REVISED DATE:** January 2020 supersedes all previous SDS versions

**REFERENCE:** Revised for GHS compliance

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