



1. Substance / Preparation and Company name

Product Name: Pola Office +

Recommended use: For in-office whitening of teeth by dental professionals.

Manufacturer / Supplier

SDI Limited
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2. Composition / Information on ingredients

<u>Composition:</u>	<u>CAS No.</u>	<u>Wt. %</u>
Pola Office +		
Hydrogen peroxide	7722-84-1	30.0 - 37.5
Balance ingredient (non-hazardous)		62.5 - 70.0

3. Hazard Identification

Pola Office + is corrosive and causes burns to skin, eye and mucous membrane.

O Oxidising agent

C Corrosive

Risk phrase(s) – **R 8** Contact with combustible material may cause fire
R34 Causes burns

Safety phrase(s) – **1/2** Keep locked up and out of reach of children
3 Keep in a cool place
15 Keep away from heat
17 Keep away from combustible material
18 Handle & open container with care
24/25 Avoid contact with skin and eyes
37/39 Wear suitable gloves and eye/face protection



4. First Aid Measures

- Eye (contact): Immediately flush open eyes with running water for at least 15 minutes. Seek medical attention. Make sure the patient's, dentist's and auxiliary's eyes are protected.
- Skin (contact): Remove contaminated clothing. Wash skin with plenty of water. Skin may appear temporarily bleached white.
- Ingestion: Do not induce vomiting, drink lots of water/milk. Seek medical attention.
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5. Fire Fighting Measures

- Suitable extinguishing media: Water spray.
- Unusual Fire and Explosion Hazards: Strong oxidiser. Contact with other substances may cause fire. Container explosion may occur under fire conditions.
- Special protective equipment: Wear approved respirator and protective gear. Use spray to cool containers.
- Flammability: Non flammable.
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6. Accidental Release Measures

- Personal precautions: Do not get into eyes, on skin or clothing.
- Environmental precautions: Prevent any spillage from entering waterways, drains or sewage system. Use protective eyewear and latex gloves when handling.
- Methods for cleaning up: Clean up with damp rag. Rinse rag thoroughly with water.
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7. Handling and storage

Handling

Extreme care required when handling the Hydrogen Peroxide.

Storage

Store at temperatures between 2° - 8°C (35° - 45°F) away from direct sunlight.



8. Exposure controls / personal protection

Respiratory protection:	Not required under normal conditions of use.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety glasses, goggles or face shield.
General safety and hygiene measures:	Safety shower and eye bath. Wash thoroughly after handling. Wash contaminated clothing before re-use.
	Follow good housekeeping practices and good industrial hygiene in handling this material.

9. Physical and chemical properties

	Pola Office +
Appearance:	Clear, blue gel
Odour:	Not applicable
Boiling point:	Not established
Melting point:	Not established
Specific gravity:	Not established
Flash point:	Not applicable
Flammable:	Not flammable
Autoflammability:	Does not self ignite
Explosive properties:	Does not present an explosion hazard
Oxidising properties:	Strong oxidiser
Vapour pressure (@ 20°C):	Not established
Solubility:	Soluble in water

10. Stability and Reactivity

Stability:	Hydrogen Peroxide Liquid is easily decomposed. Powder is stable.
Conditions to avoid:	Heat, moisture and light.
Materials to avoid:	Metals, strong bases and acids, organic solvents, combustibles.
Hazardous decomposition products:	Hydrogen Peroxide Liquid decomposes to oxygen and water.
Hazardous reactivity (polymerization):	Will not occur.



11. Toxicological information

Acute toxicity:	Harmful by ingestion.
Skin (contact):	May be irritating
Eye (contact)	Irritating to eyes.
Ingestion:	Harmful

12. Ecological information

Self assessment: **Pola Office +** - Biodegradable.

13. Disposal considerations

Dispose of in accordance with local official regulations. Wash containers out with water prior to disposal.

14. Transport information

Hydrogen peroxide, aqueous solution UN2014 Packing Group II Class 5.1 sub-risk Class 8.

If packed in Chemical kits the following classification may be considered if all ICAO/IATA transport requirements are met:

Chemical Kit UN3316 - Class 9.

15. Regulatory information

This product is regulated by:

Medical Devices Directive 93/42/EEC
National regulations

16. Other information

For professional use only. Use as directed.

The information provided herein is given in good faith, but no warranty expressed or implied is made.

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Department issuing MSDS: Research and Development
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