

SAFETY DATA SHEETS

This SDS packet was issued with item:

076372007

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

076372056



1. Substance / Preparation and Company name

Product Name: Pola Office

Recommended use: To remove discoloration of teeth, to be performed by a dentist.

Manufacturer / Supplier

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2. Composition / Information on ingredients

| <u>Composition:</u> | <u>CAS No.</u> | <u>Wt. % w/w</u> |
|---------------------------|----------------|------------------|
| Pola Office Liquid | | |
| Hydrogen peroxide (35%) | 7722-84-1 | 35.0 |
| Pola Office Powder | | |
| Silicone dioxide powder | 7631-86-9 | 73.3 |
| Catalysts (Proprietary) | | 26.2 |

3. Hazard Identification

Classified as: HAZARDOUS; DANGEROUS.

Pola Office Liquid is corrosive and causes irritation/damage to skin, eye and mucous membrane.

Hazard Classification according to GHS:
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Irritation Category 1
DANGER

| | | |
|---------------------------|---|---|
| Hazard phrase(s) – | H315 H318 H302 | Causes skin irritation Causes serious eye damage Harmful if swallowed |
| Precautionary phrase(s) – | P264 P280 | Wash skin thoroughly after handling Wear protective gloves and eye protection/face protection. |



3. Hazard Identification (Cont'd.)

| | | |
|---------------------------|-----------------------|--|
| Precautionary phrase(s) – | P302+P352 | IF ON SKIN OR HAIR: Wash with plenty of soap and water. |
| | P332+P313 | If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. |
| | P362 | |
| | P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | P331 | If swallowed, do NOT induce vomiting. |
| | P310 | Immediately call a POISON CENTER or doctor/physician. |

Pola Office Powder is hazardous. It is fluffy and easily airborne. Limit disturbance of the powder pot and avoid inhalation of any airborne dust.

Hazard Classification according to GHS:

Specific Target Organ Toxicity Category 3;
Serious Eye Damage/Irritation Category 2A
WARNING

| | | |
|---------------------------|---|--|
| Hazard phrase(s) - | H335 H319 | May cause respiratory irritation Causes serious eye irritation |
| Precautionary phrase(S) - | P261 P280 P271 P304+P340 P312 P305+P351+P338 P337+P313 P403+P233 P405 P501 | Avoid breathing dust Wear eye/face protection Use only outdoors or in a well-ventilated area IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local regulations. |

4. First Aid Measures

| | |
|-----------------|--|
| Eye (contact): | Immediately flush open eyes with running water for at least 15 minutes. Seek immediate medical attention. Make sure the patients, dentists 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, immediately drink lots of water/milk. Seek immediate medical attention. |
| Inhalation: | Remove to fresh air. If not breathing, give Artificial respiration. If breathing is difficult, seek immediate medical advice. |



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 respiratory and protective gear. Use spray to cool containers. |
| Flammability: | Non flammable. |

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. |

7. Handling and storage

Handling

Extreme care required when handling the Hydrogen Peroxide Liquid. Container may be under pressure. Remove cap with caution. Replace caps immediately after use. Care when handling the Pola Office Powder to avoid disturbance, as the powder is easily airborne - avoid inhalation and contact with eyes.

Storage

Storage by the end user (Dental Clinic) is recommended to be at temperatures between 2° - 8°C (35° - 45°F) and should be kept away from direct sunlight.

Distribution

During distribution, to our customers, this product can be transported in non-refrigerated conditions between 15° to 25° C. This product can also withstand temperatures up to 40° C for short periods (2 to 3 days) and intermittent peaks up to 50°C.

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 Liquid | Pola Office Powder |
|---------------------------|--------------------------------------|--------------------------------------|
| Appearance: | Clear, colourless liquid | Fluffy white speckled powder |
| Odour: | Not applicable | Not applicable |
| Boiling point: | 126°C | Not applicable |
| Melting point: | -40°C | Not established |
| Specific gravity: | 1.11 | Not established |
| Flash point: | Not applicable | Not applicable |
| Flammable: | Not flammable | Not flammable |
| Autoflammability: | Does not self ignite | Does not self ignite |
| Explosive properties: | Does not present an explosion hazard | Does not present an explosion hazard |
| Oxidising properties: | Strong oxidiser | Strong oxidiser |
| Vapour pressure (@ 20°C): | 23.3 mm Hg | Not volatile |
| | Pola Office Liquid | Pola Office Powder |
| Solubility: | Soluble in water | Not soluble in water |

10. Stability and Reactivity

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



11. Toxicological information

| | |
|-----------------|--|
| Acute toxicity: | Harmful by inhalation and ingestion. |
| Skin (contact): | May be irritating |
| Eye (contact) | Damaging to eyes. |
| Ingestion: | Harmful |
| Inhalation: | May be harmful and irritating to respiratory system. |

12. Ecological information

Self assessment: **Pola Office Liquid** - Biodegradable.
 Pola Office Powder - Data not yet available.

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 subsidiary-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

Classified according to the Australian SUSMP - *Standard for the Uniform Scheduling of Medicines and Poisons*, as follows: Schedule 6 - POISON

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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