



MATERIAL SAFETY DATA SHEET

Product: Endowhite

Product Code: DL0701 - 25g Jar

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Endowhite

Recommended use: Used as an internal chemical bleaching agent as part of endodontic therapy.

Contact Information Organisation	Location	Telephone
Dentalife Australia Pty Ltd	Factory 9 / 505 Maroondah Highway Ringwood VIC 3134 Australia	+61 3 9879 1226
Poisons Information Centre (24 hour, 7 days a week) in an emergency :		13 11 26

2. HAZARD IDENTIFICATION

2.1 Classification: Hazardous Material

2.2 Signal Word: Danger



2.3 Label Elements: Pictograms

2.4 Hazard Statement: H318 Highly flammable liquid and vapour
H335 May cause respiratory irritation.

2.5 Precautionary Statements: P102 Keep out of reach of children
P202 Donot handle until all safety precautions have been read and understood.
P271 Use only outdoors or in a well-ventilated area.
P281 Use personnel equipment as required

2.6 Response Statements

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Immediately call a POISON CENTER/doctor.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion %</u>
Sodium Perborate Tetrahydrate	10486-00-7	≥96.0%



MATERIAL SAFETY DATA SHEET

4. FIRST AID MEASURES

4.1 Description of Necessary First Aid Measures

- Ingestion:** Immediately rinse mouth thoroughly with water and give plenty of water to drink provided subject is completely conscious. Do NOT induce vomiting. Seek immediate medical assistance without delay.
- Eye:** Immediately flush eyes thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Seek immediate medical assistance without delay.
- Skin:** Wash affected areas with copious quantities of water immediately.
- Inhalation:** If fumes are inhaled, remove to fresh air. Seek medical attention if symptoms persist.

4.2 Medical Attention and Special Treatment

- First Aid Facilities:** Eye wash stations and safety showers should be readily available .
- Comments:** Treat according to person's condition and specifics of exposure.
- Advice to Doctor:** Consult Poisons Information Centre Ph : 13 11 26. Ensure skin is thoroughly irrigated to remove all traces of product and thus avoid any possible reaction with locally applied medication.

5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: Water, Foam or Carbon Dioxide.

5.2 Unusual fire and explosion hazards: N/A

5.3 Special protective equipment: Wear self-contained breathing apparatus and protective gear to minimise risk of exposure to vapour or products of combustion.



MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions:** Protective gloves and safety glasses should be worn..
- 6.2 Environmental precautions:** Prevent from entering into drains, native or natural environments, ie river systems
- 6.3 Methods and materials for containment and cleaning up:** Clean up spills immediately. Wear suitable protective clothing. Contain and sweep/shovel with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable labelled container and dispose of promptly as hazardous waste according to local regulation

7. HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:** The usual precautionary measures are to be adhered to when handling chemicals. Prevent formation of dust. Wear protective clothing. Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product dust/fumes.
- 7.2 Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Do not store together with alkalis (caustic solutions). Do not store together with acids. Store away from reducing agents. Maximum storage temperature: < 40 deg C. Recommended storage temperature: < 30 degC. This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 National Exposure Standards:** No exposure limits allocated.
- 8.2 Biological Limit Values:** No biological limit allocated.
- 8.3 Engineering Controls:** Adequate general and local ventilation is required.
- 8.4 Personal Protective Equipment:** PVC or rubber Gloves. Safety Glasses, goggles or face shield. Safety shoes



MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Free-flowing Crystalline Solid
Colour: White
Odour.....: Odourless
pH of Gel..... : 10 – 15g/L @ 20°C
Vapour Pressure: N/A
Boiling Point (°C): N/A
Melting point (°C): 338 (at 1013 hPa) K 338 (at 1013 hPa) K 338 (at 1013 hPa) K
Solubility: 23g/L @ 20°C
Specific Gravity: N/A
Flammability Limits (%) ...: None
Other Properties.....: N/A

10. STABILITY AND REACTIVITY

- 10.1 Chemical Stability:** Stable under normal use conditions.
- 10.2 Conditions To Avoid:** Protect from heat and sunlight. Protect from humidity and water.
- 10.3 Incompatible Materials and Possible Hazardous Reactions:** Exothermic thermal decomposition. Reacts with reducing agents. Reacts with alkali (lyes). Reacts with acids
- 10.4 Hazardous Decomposition Products:** Thermal decomposition starts at 60 deg C. In case of fire, the following can be released, Oxygen. No dangerous decomposition products known.
- 10.5 Hazardous Polymerisation:** No Data available.

11. TOXICOLOGICAL INFORMATION

11.1 Likely Route of Exposure: [X] Inhalation [X] Skin contact [X] Ingestion

11.2 Health Effects From Likely Route of Exposure:

Ingestion: Irritating to gastric mucosa

Eye: Strong irritant to eyes, with danger of severe eye injury.

Skin: No irritation to the skin.

Inhalation: Irritating to respiratory system. No sensitizing effects known



MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: Aquatic Toxicity.

12.2 Persistence and Degradability: Product is unstable in water.

12.3 Bioaccumulation Potential: Non significant accumulation in organisms.

12.4 Mobility in Soil: No potential for adsorption.

12.5 Other Adverse Effects: No recognized unusual toxicity to plants or animals.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

13.2 Disposal of Contaminated Packaging: Contact a specialist disposal company or the local waste regulator for advice. Packagings that may not be cleansed are to be disposed of in the same manner as the product

13.3 Environmental Regulations: Not relevant.

14. TRANSPORT INFORMATION

U.N. Number :

Dangerous Goods Class :

Hazchem Code :

Subsidiary Risk :

CAS Number : See ingredients

Pack. Group:

National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

Dangerous Goods Classification: NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)

15. REGULATORY INFORMATION

15.1 SUSDP Poisons Schedule: Not applicable

15.2 Prohibition / Licensing Requirements: N/A

15.3 Industrial Chemicals (Notification and Assessment) Act 1989: Listed



Dentalife Australia Pty Ltd *MATERIAL SAFETY DATA SHEET*
[according to GHS and NOHSC:2011(2003)]
Version 3 Issued: 23/06/2017
Next Review: 06/2022

MATERIAL SAFETY DATA SHEET

Page 6 of 6

16. OTHER INFORMATION

Product is considered safe if used as intended.
Product is intended for professional dental use only.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. No warranty, either expressed or implied, is made with respect to the information or the product to which the information refers. Each user must review this MSDS in the context of how the product will be handled and used in the workplace.

End of document