



Dentalife Australia Pty Ltd **MATERIAL SAFETY DATA SHEET**  
[according to GHS and NOHSC:2011(2003)]

Date of Issue: 17/08/16  
Reviewed: 13/01/2017  
Version 2 Issued:13/01/17  
Next Review: Jan. 2022

## MATERIAL SAFETY DATA SHEET

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**Product :** *ENDOSURE* **HYPOCELLE 4% Sodium Hypochlorite**

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** *Endosure* Hypocelle 4% Sodium Hypochlorite

**Product Code :** DL0612 – *Endosure* Hypocelle 4% 1.25L Cartridge Refill  
DL0616 – *Endosure* Hypocelle 4% 500mL Dispenser Bottle

**Recommended use:** Irrigation of root canals during endodontic therapy.

**Contact Information:**

Organisation	Location	Telephone
Dentalife Australia Pty Ltd	Factory 9 / 505 Maroondah Highway Ringwood VIC 3134 Australia	+61 3 9879 1226

For Advice in an Emergency contact:

Australia Poisons Information Centre (24 hour, 7 days a week) Phone:	13 11 26
New Zealand Poisons Information Centre (24 hour, 7 days a week) Phone:	0800 764 766
Or a Doctor at once	

### 2. HAZARD IDENTIFICATION

**Hazard** Not classified as hazardous

**Classification** NON-HAZARDOUS SUBSTANCE  
NON-DANGEROUS GOODS

**Risk Phrase(s)** Not classified as hazardous

**Environmental** Non-hazardous

**Hazards** Not classified as hazardous

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion (% w/v)</u>
Sodium Hypochlorite	7681-52-9	4.0 to 5.0
Stabilising Agents	Not applicable	10 to 35
Surfactant	Not applicable	< 1
Purified Water	7732-18-5	> 59



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### 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

- Swallowed :** Rinse mouth thoroughly, give water to drink.
- Eye :** Rinse thoroughly with plenty of water. Eyelids should be held away from eyeball to ensure thorough rinsing. Seek medical advice if irritation persists.
- Skin :** Remove contaminated clothing and wash before re-use.
- Inhaled :** Solution is non-volatile at room temperature. If solution is inhaled seek immediate medical attention.
- First Aid Facilities :** Rubber or plastic gloves should be used when handling this solution. Eye wash facilities should be provided in the work place.
- Advise to Doctor :** No additional information available.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Water

**Unusual fire and explosion hazards:** Heat may cause evolution of vapours

**Special protective equipment:** Wear approved respirator and protective gear.

Use water spray to cool containers.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Protective gloves and safety glasses should be worn when handling the solution

**Environmental precautions:** Prevent from entering into drains, native or natural environments, ie river systems

**Methods and materials for containment and cleaning up:** Clean up spills immediately. Material can be disposed of with general waste or via the normal sewer systems.



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### 7. HANDLING AND STORAGE

**Handling:** Ensure cap for container is replaced and tightly closed immediately after use.

**Storage:** Stored in a cool place at temperatures between 8°C and 30°C.

**Other Information:** Prevent from freezing

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Not required under normal conditions of use.
Hand protection:	Rubber, latex or PVC gloves.
Eye protection:	Safety glasses, goggles or face shield.
General safety and hygiene measures:	Follow good housekeeping practices and good industrial hygiene in handling this material.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance .....: Clear, colourless, aqueous liquid.

Odour.....: No specific odour

Boiling Point (°C) .....: Not available

Melting point (°C) .....: Not available

Vapour Pressure .....: Aqueous solution

Specific Gravity .....: > 1g/mL

Flammability Limits (%) ...: Not flammable

pH of Solution .....: > 10.0

Solubility in Water (g/L) ...: Complete

**Other Properties** .....: Corrosive to metal surfaces.



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### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions

**Conditions to avoid:** Severe agitation of the solution and excessive heat

**Materials to avoid:** Avoid contact with metals ie iron, zinc, aluminium, nickel, copper, etc.

**Hazardous decomposition products:** No data available.

**Hazardous reactivity (polymerization):** Does not occur.

### 11. TOXICOLOGICAL INFORMATION

#### Acute

Ingestion : May cause mild gastrointestinal irritation with nausea and vomiting.

Eye : Solution will sting eyes.

Skin : May irritate broken skin if applied undiluted.

Inhaled : No data.

**Chronic :** No further data

### 12. ECOLOGICAL INFORMATION

**Ecological Information** It is unknown as to the long term effects on the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

**Disposal** 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.



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### 14. TRANSPORT INFORMATION

U.N. Number : Not applicable      Dangerous Goods Class : Not applicable  
Hazchem Code : Not applicable      Subsidiary Risk : Not applicable  
CAS Number : See ingredients      Pack. Group. : Not applicable

This product is not considered to be a dangerous good within the meaning of transportation regulations.

### 15. REGULATORY INFORMATION

Poisons Schedule: Not applicable

Product is regulated by the TGA in Australia. This product complies under ARTG-No: 160242.

### 16. OTHER INFORMATION

Product is considered safe if used as intended.

Biodegradability      The sodium hypochlorite in *ENDOSURE HYPOCELLE*  
**4% Sodium Hypochlorite** is readily broken down by environmental factors to a dilute solution of sodium chloride (salt).

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.**

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