



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

Date of Issue: 30/06/17  
Version 6 Issued:30/06/17  
Next Review: Jun. 2022

## MATERIAL SAFETY DATA SHEET

Page 1 of 4

### SECTION 1 PRODUCT IDENTIFIER & IDENTITY FOR THE MATERIAL

**Product Name:** HYPOCHLORITE 1% Solution  
**Product Codes:** DL0603 Endosure Hypochlorite 1% Solution 1.25L,  
DL0605 Endosure Hypochlorite 1% Solution 500mL,  
HPH125 Hypochlorite 1% Solution 1.25L

**Recommended use:** Endodontic irrigation solution.

#### 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	

### SECTION 2 HAZARDS 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

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion</u>
Sodium Hypochlorite	7681-52-9	0.75 - 1.5%
Ingredients deemed not to be hazardous	Not applicable	< 10 %
Purified Water	7732-18-5	to 100 %

### SECTION 4 FIRST AID MEASURES

**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.



## MATERIAL SAFETY DATA SHEET

**Advise to Doctor:** No additional information available.

### SECTION 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.

### SECTION 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.

### SECTION 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.

### SECTION 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.

**Engineering Controls:** Ensure workplace is well ventilated.



## MATERIAL SAFETY DATA SHEET

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance .....: Clear, pale yellow/green solution.

Odour.....: Characteristic 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) ...: Completely soluble.

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

### SECTION 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.

### SECTION 11 TOXICOLOGICAL INFORMATION

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

**Eye:** Possible irritant effect.

**Skin:** No known absorption or irritant effect on short-term contact.

**Inhaled:** No data.

**Chronic:** No further data.



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## MATERIAL SAFETY DATA SHEET

Page 4 of 4

### SECTION 12 ECOLOGICAL INFORMATION

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

**Biodegradability:** The sodium hypochlorite is readily broken down by environmental factors to a dilute solution of sodium chloride (salt).

### SECTION 13 DISPOSAL CONSIDERATIONS

**Disposal Considerations:** 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.

### SECTION 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.

### SECTION 15 REGULATORY INFORMATION

Poisons Schedule: Not applicable

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

### SECTION 16 OTHER INFORMATION

Product is considered safe if used as intended.

Product is intended for professional dental use only.

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