



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

Date of Issue: 30/06/17
Version 4 Issued:30/06/17
Next Review: Jun. 2022

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SECTION 1 PRODUCT IDENTIFIER & IDENTITY FOR THE MATERIAL

Product Name: HYPOCHLORITE 4% Forte Solution
Product Codes: DL0611 Endosure Hypochlorite 4% Solution 1.25L,
DL0615 Endosure Hypochlorite 4% Solution 500mL,
HPH005 Hypochlorite 4% Solution 500mL

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 | 3.75 - 4.5% |
| 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.



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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.



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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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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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