



MATERIAL SAFETY DATA SHEET

Product : *ENDOSURE* HYPOCHLOR 4% *Forte* Solution

Product Codes : DL0611 - *ENDOSURE* Hypochlor 4% *Forte* 1.25L Cartridge Refill
DL0615 - *ENDOSURE* Hypochlor 4% *Forte* 500mL Dispenser

Page 1 of 3

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

IDENTIFICATION

Other Names : Strong Hypochlorite Solution
U.N. Number : NA Dangerous Goods Class : NA
Hazchem Code : NA Subsidiary Risk : None
CAS Number : See Ingredients Pack Group : NA
Poisons Schedule Number : NA

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Clear, colourless, aqueous solution.
Odour.....: Typical chlorine odour
Boiling Point (°C): Not available
Vapour Pressure: Aqueous solution
Specific Gravity: > 1g/mL
Flammability Limits (%): Not flammable
pH of Solution: 11 to 13
Solubility in Water (g/L): Completely miscible
Other Properties: Strong oxidising solution.

Ingredients :

Chemical Entity	CAS Number	Proportion (%w/v)
Sodium Hypochlorite	7681-52-9	4 to 5
Stabilising Agents	Not applicable	10 to 35
Purified Water	7732-18-5	> 60

Use/Action : Irrigation of root canals during endodontic therapy.

HEALTH HAZARD INFORMATION

Health Effects

Acute

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

Eye : Solution will sting eyes.

Skin : May irritate broken skin if applied undiluted.

Inhaled : May be harmful if mixed with other chemicals due to the production of chlorine gas.

Chronic : No adverse health effects expected with chronic use.

First Aid

Swallowed : Give milk or water to drink and treat symptomatically. Do not induce vomiting.

Eye : Rinse thoroughly with plenty of water. Seek medical advice if irritation persists.

Skin : Rinse thoroughly with plenty of water.

Inhaled : If chlorine gas is inhaled, seek urgent 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 special advice.

PRECAUTIONS FOR USE

Exposure Standards : None allocated.

Engineering Controls : None required for normal use.

Personal Protection : Rubber or plastic gloves may be advisable to be worn where there is prolonged or repeated exposure to undiluted solution.

MSDS : ENDOSURE HYPOCHLOR 4% Forte Solution (continued)

Flammability : Not flammable.

Conditions to Avoid : Do not mix with other chemicals, particularly strong acids or ammonia, detergents or disinfectants as chlorine gas may be produced. Do not use on surfaces or materials containing base metals, dyes (colours) and avoid contact with fabrics as they will be bleached.

SAFE HANDLING INFORMATION

Storage and Transport : Keep container lid tightly secured and store in a cool, dry place (15 – 30°C) away from direct sunlight.

Spills and Disposal : Wear appropriate protective clothing. Rinse away spills thoroughly with water. Dispose of waste following federal, state and local regulations.

Fire/Explosion Hazard : Not flammable

OTHER INFORMATION :

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

CONTACT POINT : Dentalife Pty. Ltd.

ACN 085 195 044

Factory 9 / 505 Maroondah Highway

Ringwood VIC 3134 Australia

Telephone Number : (03) 9879 1226

International : +61 3 9879 1226

Fax Number : (03) 9879 1376

International : +61 3 9879 1376

Email : dentali@bigpond.net.au

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.