

CLEANERS WAREHOUSE

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Safety Data Sheet

SPECIALTY CHEMICALS GROUP

CORROSIVE CLASS 8

Product Name - BLEACH 4 %

CDS : 02138
ISSUED 02/2007
PAGE 1

IDENTIFICATION & PHYSICAL DATA

CHEMICAL CONSTITUTION

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>PROPORTION</u>
Sodium Hypochlorite	7681-52.9	LOW (6%)
Water	7732-18-15	HIGH

PROPORTION (% weight per weight):
VHIGH>60, HIGH 30-60, MED 10-20, LOW 1-9. VLOW<1

USE

Purification of water, bleaching agent pharmaceuticals, fungicide, household and laundry bleach.

PHYSICAL PROPERTIES

Specific Gravity (20 C) : 1.1 – 1.2	Melting Point : Not available
Rel Vap Density : Not available	Boiling Point : Not available
Molecular Weight : 74.44	Decomposition Point : Not available
Flash Point : None	Sublimation Point : Not available
Flammable Limits : Not applicable	pH (1% aq. solution) : Alkaline
Viscosity : Not available	Evaporation Rate : Not available
Water Solubility (g/l) : Not applicable	

Appearance : Clear colourless to pale yellow liquid with distinctive odour.
Solubility : Soluble in water

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Short term exposure by ingestion is harmful.
SKIN : Contact with skin will result in severe irritation.
EYES : A severe eye irritant. Liquid will cause burns.
INHALATION : Harmful by inhalation. The vapour is an irritant to the mucous membranes and respiratory tract. High concentrations of vapour can cause severe irritation of the respiratory tract.
INGESTION : Can result in nausea and vomiting.
CHRONIC EFFECTS : Repeated or prolonged skin contact can cause chronic dermatitis.

TOXICITY DATA

No Data

As with any chemical, ingestion, inhalation and prolonged or repeated skin contact should be avoided by good occupational work practice.

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PAGE 2

FIRST AID

SKIN : Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

EYES : Immediately irrigate with copious quantities of water for at least fifteen minutes. Eyelids to be held open. Remove clothing if contaminated and wash contaminated skin. Seek immediate medical advice.

INGESTION : Thoroughly rinse mouth with water. Give water to drink. **DO NOT** induce vomiting. Seek immediate medical assistance. Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.

ADVICE TO DOCTOR

Treat Symptomatically.

PRECAUTIONS FOR USE

EXPOSURE LIMITS

No value assigned for this specific material by Worksafe Australia.

VENTILATION

Use with adequate ventilation.

PERSONAL PROTECTION

Use good occupational work practice. Avoid skin and eye contact. Wear impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Classified as a Class 8 – Corrosive Dangerous Substance for the purpose of transport.

Store in a cool place and out of direct sunlight.

Store in a well ventilated area and away from organic materials.

Store away from sources of heat or ignition and keep containers closed at all times.

Store away from foodstuffs.

SPILLS

Avoid accidents, clean up immediately. Wash to drain ensuring great dilution.

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PAGE 3

DISPOSAL

For small quantities, wash area down with large quantities of water.

FIRE/EXPLOSION HAZARDS

Decomposes on heating emitting toxic fumes.

Heating can cause expansion or decomposition leading to violent rupture of containers. Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

In case of fire use water fog or water spray.

OTHER SAFE HANDLING

Reacts vigorously with acids producing dangerous levels of gaseous chlorine. Incompatible with amines, ammonium salts, azaridine, methanol and phenylacetonitrile. Reacts with metal salts, peroxides and reducing agents.