

MATERIAL SAFETY DATA SHEET

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Vanuatu. This product becomes non-hazardous at concentrations below 25%.

COMPANY DETAILS

Pacific Suppliers Limited
Lini Highway
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IDENTIFICATION

Product Name: **SNOWHITE**
Other Names: Hypochlorite Solution
Manufacturer's Product Code: 1SNO
UN Number: 1791
Dangerous Goods Class and Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule: 5
Use: Liquid Chlorine Bleach

Physical Description/Properties

Appearance: Clear pale yellow liquid with chlorine odour
Melting Point: Below 0°C
Vapour Pressure: Not Available
Specific Gravity: 1.2
Flashpoint: Not Flammable
Flammability Limits: Not Flammable
Solubility in Water: Miscible in all proportions
Reactivity: Contact with acid liberates toxic gas

Other Properties

Corrosiveness: Corrosive to most metals
pH (undiluted): 12

Ingredients:

All hazardous substances as defined by the NOHSC Code 1008 are listed by chemical name and CAS No. Other ingredients which are determined to be non-hazardous are listed by generic name or as "other ingredients determined not to be hazardous".

Chemical name:	CAS No:	Proportion:
Sodium Hypochlorite	7681-52-9	More than 10%
Water	7732-18-5	To 100%

HEALTH HAZARD INFORMATION

Acute:

Swallowed: Corrosive. Causes burns to mouth, throat and gastro-intestinal tract.

Eye: Corrosive. Causes corneal burns. Risk of serious damage to eyes.

Skin: Corrosive. Causes burns.

Inhaled: Irritating mist. May cause inflammation..

Chronic

Prolonged exposure to low concentration solutions may cause irritation to skin, eyes and mucous membranes.

FIRST AID

Swallowed: Contact a Doctor or Poisons Information Centre. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If the patient is not fully conscious do not give anything by mouth.

Eye: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Get medical attention.

Skin: Remove contaminated clothing immediately and wash skin thoroughly with water.

Inhaled: Remove from contaminated area. If chlorine gas has been liberated by mixing with acid, and there is difficulty in breathing, get medical attention.

FIRST AID FACILITIES: Eye wash. Fresh water.

ADVICE TO DOCTOR: Treat chemical burns if present.

PRECAUTIONS FOR USE

Exposure Standards: TWA for chlorine is 1 ppm.

Engineering Controls: Avoid generating and inhaling mists at concentrations above 40% without appropriate ventilation.

Personal Protection: Avoid contact with the skin and eyes. Avoid breathing its mist. Wear face shield, overalls or apron and protective footwear. Wear natural rubber, or PVC gloves when using undiluted product.

Flammability: Not flammable or combustible.

SAFE HANDLING INFORMATION

Storage and Transport: Dangerous Goods Class 8 – Must be stored and transported in accordance with State or Territory dangerous goods regulations.

Do not mix with acids.

Spills and Disposal: May be flushed to sewer with water but prevent larger spillages from entering storm-water drains or water courses. To contain spillage, absorb on vermiculite or similar absorbing material and collect in drums. Residues may be flushed away with water.

Fire/Explosion Hazard: Use water fog, foam or dry agent. Wear full body protective clothing with breathing apparatus and protective gloves. Dilute. Wash to drain with large quantities of water.

OTHER INFORMATION

The Time Weighted Average (TWA) quoted above is the Worksafe Adopted National Exposure Standard for the average airborne concentration when calculated over a normal eight hour working day, for a five day working week.

CONTACT POINT: Pacific Suppliers (678) 25082

