

MATERIAL SAFETY DATA SHEET

STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Worksafe Vanuatu. This product becomes non-hazardous at concentrations below 1.9%.

COMPANY DETAILS

Pacific Suppliers Limited
Lini Highway
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IDENTIFICATION

Product Name: **DRAIN KLEEN**
Other Names: Sodium Hydroxide, Solid
Manufacturer's Product Code: 1DKN
UN Number: 1823
Dangerous Goods Class and Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule: 6
Use: Clears Blocked Drains

Physical Description/Properties

Appearance: Granular orange powder
Melting Point: Not Applicable
Vapour Pressure: Not Applicable
Specific Gravity: Not Relevant
Flashpoint: Not Flammable
Flammability Limits: Not Flammable
Solubility in Water: Readily soluble.

Other Properties

Reactivity: Reacts with water with evolution of heat
Corrosiveness: Mildly corrosive to non-ferrous metals.
pH (1% solution): 14

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 Hydroxide	1310-73-2	30% to 60%
Inorganic Salts	-	30% to 60%
Aluminium shot	-	1% to 10%
Dedusting agent	-	Less than 1%

HEALTH HAZARD INFORMATION

Acute:

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

Eye: Very corrosive. Causes severe burns. Risk of serious damage to eyes.

Skin: Corrosive. Causes burns.

Inhaled: Corrosive mist.

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 and wash skin thoroughly with water.

Inhaled: Leave contaminated area.

FIRST AID FACILITIES: Eye wash. Fresh water.

ADVICE TO DOCTOR: Caustic product. Treat chemical burns if present.

PRECAUTIONS FOR USE

Exposure Standards: Peak Limitation for sodium hydroxide is 2mg/m³.

Engineering Controls: Avoid generating and inhaling mists at concentrations above 1.9% without appropriate ventilation.

Personal Protection: Avoid contact with the skin and eyes.

Avoid breathing its dust. Do not add to hot water or solution. Add slowly to avoid splattering and boiling. Wear face shield, overalls or apron and natural rubber or PVC gloves when using undiluted product. If there is a risk of generating significant quantities of dust, ventilation equipment should be installed or a dust mask worn.

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.

Spills and Disposal: Sweep up and collect in drums. Small spills may be flushed away with water.

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

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

