

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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Port Vila, VANUATU
Telephone Number: (678) 25082
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IDENTIFICATION

Product Name: **DYNAMIC**
Other Names: Caustic Alkali Liquid
Manufacturer's Product Code: 1DYN
UN Number: 1823
Dangerous Goods Class and Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule: 6
Use: Alkaline cleaner for ovens, grill plates and deep fryers

Physical Description/Properties

Appearance: Clear, brown liquid
Boiling Point: Above 100°C
Vapour Pressure: Not Available
Specific Gravity: 1.23
Flashpoint: Not Relevant
Flammability Limits: Not Relevant
Solubility in Water: Miscible in all proportions

Other Properties

Corrosiveness: Corrosive to non-ferrous metals
pH (undiluted): 13-14

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	10% to 30%
Potassium Hydroxide	1310-58-3	Less than 10%
Non Hazardous Ingredients -		To 100%

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 for chemical burns if present.

PRECAUTIONS FOR USE

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

Engineering Controls: Avoid generating and inhaling mists at concentrations above 5.5% 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.

Spills and Disposal: May be flushed to sewer with water but prevent larger spillages from entering stormwater 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. Dilute. Wash to drain with large quantities of water. Wear full body protective clothing with breathing apparatus and protective gloves.

OTHER INFORMATION

The Peak Limitation quoted above is the Worksafe Adopted National Exposure Standard for the maximum or peak airborne concentration over the shortest analytically practicable period of time which does not exceed 15 minutes.

CONTACT POINT: Pacific Suppliers (678) 25082

