

# MATERIAL SAFETY DATA SHEET

Date of Issue: 14/01/2008

## STATEMENT OF HAZARDOUS NATURE

Hazardous according to criteria of Work safe Australia. This product becomes non-hazardous at concentrations below 3.3%.

## COMPANY DETAILS

Company Jaegar Australia Pty Ltd  
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## IDENTIFICATION

**PRODUCT NAME:** Membrane Filter Wash  
**Other Names:** Potassium Hydroxide  
**Manufacturer's Code:** GP-222  
**Un No:** 1823  
**Dangerous Goods Class & Subsidiary Risk:** 8A1  
**Hazchem Code:** 2R  
**Poisons Schedule:** 6  
**Use:** Heavy-duty liquid detergent. 10-20% diluted with water.

## PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Red Liquid  
Melting Point: N/A  
Vapour Pressure: N/A  
Specific Gravity: 1.1  
Flash Point: Non-flammable  
Flammability Limits: Non-flammable  
Solubility in water: Miscible in all proportions.

## Other Properties:

Corrosiveness: Corrosive to most metals.  
Reactivity: Contact with combustible material may cause fire  
PH (undiluted): 14.0

## INGREDIENTS

Chemical name and CAS No as defined by the NOHSC Code 1008 list all hazardous substances. 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
Potassium Hydroxide	1310-73-2	<5%
Complex Phosphates	Propriety	<5%
Surfactants	68081-81-2	<5%
Sequestrant	527-07-1	<5%

## HEALTH HAZARD INFORMATION

### Health Effects

#### Acute:

**SWALLOWED:** Corrosive. Causes burns to mouth, throat and gastro intestinal tract.

**EYE:** Very corrosive. Can cause severe burns. Risk of damage to eyes.

**SKIN:** Corrosive. Causes burns.

**INHALED:** Corrosive liquid.

**CHRONIC:** Prolonged exposure to low concentration solutions may cause irritation to the 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 patient is not fully conscious do not give anything by mouth.

**EYE:** In case of contact with eyes, hold eye open and flood immediately with plenty of water and contact a Doctor or Poisons Information Centre. Get urgent medical attention.

**SKIN:** Remove all contaminated clothing and footwear immediately and wash skin thoroughly with soap and water.

**INHALED:** Leave contaminated area.

**First Aid Facilities:** Eye wash. Fresh water.

## PRECAUTIONS FOR USE

**EXPOSURE:** Peak limitation for sodium hydroxide is 2mg/m<sup>3</sup>.

**ENGINEERING CONTROLS:** Avoid generating and inhaling mists at concentrations above 1.6% 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, neoprene, nitrile or PVC gloves when using undiluted product. If risk of inhalation of spray mists exists, wear respiratory mask meeting the requirements of AS 1715 and AS 1716.

**FLAMMABILITY:** Not flammable or combustible.

## SAFE HANDLING INFORMATION

**STORAGE & TRANSPORT:** Dangerous Goods Class-8 must be stored and transported in accordance with State or Territory Dangerous Goods regulations.

**SPILLS & DISPOSAL:** May be flushed to sewer with water but prevent larger spillages from entering stormwater drains or watercourses. To contain spillage, absorb on vermiculite or similar absorbing material and put into 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.

## OTHER INFORMATION:

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

This MSDS is valid for five years from date of issue but readers should contact Jaegar Australia to ensure that this is the latest issue. As per the Work safe Guidance Note NOHSC 3017, each user should review the information in the specific context of the intended application.

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