

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 1%.

COMPANY DETAILS

Company Jaegar Australia
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IDENTIFICATION

PRODUCT NAME: ALKALI SG

Other Names:

Manufacturer's Code:

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: Colourless Caustic Liquid
Boiling Point: Not available
Vapour Pressure: Not available
Specific Gravity: 1.1R
Flash Point: Not flammable
Flammability Limits: Not flammable
Solubility in water: Miscible in all proportions

Other Properties:

Corrosiveness: Mildly corrosive to non-ferrous metals.
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
Sodium Hydroxide		28%
Complex Phosphates	Propriety	<5%
Surfactants	68081-81-2	<5%
Sequestrant	527-07-1	<30%

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 serious damage to eyes.

SKIN: Corrosive. Can causes burn to the skin.

INHALED: Corrosive liquid.

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 deliberately induce vomiting. Give patient several glasses of water to drink. Repeat if vomiting occurs. If the patient is not fully conscious do not give anything by mouth.

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

SKIN: Remove all contaminated clothing and footwear immediately. Wash effected skin thoroughly with water. Launder all contaminated clothing before re-use.

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: Peak Limitation for sodium hydroxide is 2mg/m³

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, protective footwear and natural rubber or PVC gloves when using undiluted product.

FLAMMABILITY: Non-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 watercourses. To contain spillage, absorb on vermiculite or similar absorbing material into properly labelled waste containers. Dispose of at an approved landfill/waste site. Residues may be flushed away with water. Smaller spills may be flushed away with water immediately.

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

OTHER INFORMATION:

The Peak Limitation quoted above is the Work safe 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.

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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