

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
Address: 2/9 Tower Crt, Noble Pk 3174
Telephone: (03) 9769-1788
Fax: (03) 9769-0655
Emergency Telephone: 0408 347 425

IDENTIFICATION

PRODUCT NAME: Dairy Alkali
Other Names: Sodium Hydroxide Solution

Manufacturer's Code: HT-108

Un No:

Dangerous Goods Class

& Subsidiary Risk: 8A1

Hazchem Code: 2R

Poisons Schedule: 6

Use: Heavy-duty liquid detergent. 0.5-3% in water at an elevated temperature

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Colourless caustic liquid
Boiling Point: Not available
Vapour Pressure: Not available
Specific Gravity: Not available
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		30-60%
Sequestrants		<5%
Surfactants		<5%

HEALTH HAZARD INFORMATION

Health Effects

Acute:

SWALLOWED: Corrosive causes burns to mouth, throat and gastro- intestinal tract.

EYE: Very corrosive. Causes severe burn. Risk of serious damage to eyes.

SKIN: Corrosive. Causes burn.

INHALED: Corrosive dust.

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 remove contact lenses if worn. Immediately rinse with plenty of water and contact a doctor or Poisons Information Centre. Get urgent medical attention.

SKIN: Remove contaminated clothing and footwear immediately 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: 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, 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 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.

CONTACT POINT: General Manager (0408 347 425)
Office: (03) 9769-1788