

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
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IDENTIFICATION

PRODUCT NAME: Dairy Sani-Alkali

Other Names:

Manufacturer's Code: HT-112

Un No: 1813

Dangerous Goods Class

& Subsidiary Risk: 8

Hazchem Code: 2R

Poisons Schedule: N/A

Use: C.I.P. Caustic. Use 2-6g/Lt diluted with water.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Clear Viscous Liquid

Melting Point: N/A

Vapour Pressure: N/A

Specific Gravity: 1.35

Flash Point: N/A

Flammability Limits: N/A

Solubility in water: 100%

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
Caustic Soda	1310-73-2	>50%
Surfactants	N/A	<10%
Chlorinated Agent	N/A	<10%
Sequestrant	N/A	<20%
Water	7732-18-5	Balance

HEALTH HAZARD INFORMATION

Health Effects

Acute:

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

EYE: Corrosive.

SKIN: Irritating. Corrosive on prolonged contact.

INHALED: Corrosive dusts emitted.

CHRONIC: Not applicable.

FIRST AID

SWALLOWED: Contact a Poisons Information Centre. DO NOT deliberately induce vomiting. Give glass of water.

EYE: If contacted in the eye or face, remove contact lenses if worn. Hold eye open and flood with water for at least 15 minutes. Get URGENT medical attention.

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

INHALED: Remove patient from contaminated area to fresh air.

First Aid Facilities: Eye wash. Fresh water.

PRECAUTIONS FOR USE

EXPOSURE: Hazardous. Use in a well ventilated area.

ENGINEERING CONTROLS: Not applicable.

VENTILATION: Good ventilation is required. Avoid inhalation of dust.

PERSONAL PROTECTION: Avoid contact with the skin and eyes. Avoid breathing its dust. 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

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: Corrosive 8. Packaging Group II. Hazchem Code 2R. UN.No: 1823. Sodium Hydroxide, Solid. Keep drums tightly closed at all times when not in use. Must be Stored and Transported in accordance with State or Territory Dangerous Goods Regulations.

SPILLS & DISPOAL: Sweep up large spills using sand, soil or other vermiculite material. Collect into properly labelled waste containers. Contact local authorities regarding correct disposal. Smaller spills can be washed away with water.

FIRE/EXPLOSION HAZARD: Not flammable or combustible.

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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