

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: C.I.P Detergent
Other Names: Caustic Soda
Manufacturer's Code: HT-107
Un No: 1823
Dangerous Goods Class & Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule: N/A
Use: 0.5 to 3.0% in water at elevated temperature.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Pale Yellow Powder
Melting Point: N/A
Vapour Pressure: N/A
Specific Gravity: N/A
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): Not available

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	7681-52-9	60%
Complex Phosphates	N/A	<10%
Surfactants	N/A	<1%

HEALTH HAZARD INFORMATION

Health Effects

Acute:

SWALLOWED: Corrosive. Can cause burns to mouth, throat and gastro intestinal tract.
EYE: Corrosive. Can cause burns. Can also cause serious damage to eyes.
SKIN: Corrosive. Can cause burns to the skin.
INHALED: Corrosive mists emitted.
CHRONIC: Not applicable.

FIRST AID

SWALLOWED: Give patient plenty of water or milk to drink. Seek medical attention from a Doctor or contact the Poisons Information Centre immediately.
EYE: If contacted in the eye or face, remove contact lenses if worn. Hold eyes open and flood with water for at least 15 minutes. Seek urgent medical attention.
SKIN: Remove all contaminated clothing and footwear. Wash effected skin thoroughly with copious amounts of soap and water. Launder all contaminated clothing thoroughly before re-use.
INHALED: Remove 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: hazardous. Corrosive 8. Packaging Group II. Hazchem Code 2R. UN.No. 1823. Sodium Hydroxide, Solid. Keep drums tightly closed.
SPILLS & DISPOSAL: If spillage occurs sweep up material and collect into properly labelled waste containers. Contact local authorities with regard to correct disposal. Wash effected area thoroughly with water.
FIRE/EXPLOSION HAZARD: Non-flammable.

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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