

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: Electro Clean

Other Names:

Manufacturer's Code: HT-109

Un No: 1823

Dangerous Goods Class

& Subsidiary Risk: 8

Hazchem Code: 2R

Poisons Schedule: N/A

Use: Heavy-duty degreaser for use in electro-plating systems and other metal cleaning applications. 50-80gms/L with the articles as the anode

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: White Granula Powder

Melting Point: N/A

Vapour Pressure: N/A

Specific Gravity: N/A

Flash Point: N/A

Flammability Limits: N/A

Solubility in water: N/A

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
Caustic Soda	1310-73-2	62%
Organic Phosphate Ester	Propriety	<5%
Wetting Agent Minor	68081-81-2	<5%

HEALTH HAZARD INFORMATION

Health Effects

Acute:

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

EYE: Corrosive. Can cause burns to the eye.

SKIN: Corrosive. May cause burns to the skin.

INHALED: Corrosive dusts emitted.

CHRONIC: Not applicable

FIRST AID

SWALLOWED: Contact a doctor or Poisons Information Centre immediately. DO NOT deliberately induce vomiting. Give patient plenty of milk or water to drink. If patient is not conscious do not give anything by mouth.

EYE: Remove contact lenses if worn. Hold eye open and immediately flood with clean cold water for at least 15 minutes. Get urgent medical attention from a Doctor.

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

INHALED: Remove patient from contaminated area to fresh air. Seek medical attention from a Doctor if any effects occur.

First Aid Facilities: Eye wash. Fresh water.

PRECAUTIONS FOR USE

EXPOSURE: Hazardous. Use in a well ventilated area.

ENGINEERING CONTROLS: Not applicable.

VENTILATOIN: Good ventilation is required. Avoid inhalation of dusts.

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 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 when not in use. Must be Stored and Transported in accordance with State or Territory Dangerous Goods Regulations.

SPILLS & DISPOSAL: Sweep up large spills, and collect into properly labelled waste containers. Dispose of at an approved Landfill/Waste site. 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 Jaeger 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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