

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

IDENTIFICATION

PRODUCT NAME: SG ACID

Other Names:

Manufacturer's Code:

Un No: 1805

Dangerous Goods Class

& Subsidiary Risk: Corrosive 8

Hazchem Code: 2R

Poisons Schedule: N/A

Use: Phosphoric acid based rust and scale Remover. Dilute 1:4 up to 1:10 with water.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Pale Clear Liquid
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 |
|-----------------|-----------|------------|
| Phosphoric Acid | 7664-38-2 | 69% |
| Surfactants | N/A | 1-10% |
| Dye | N/A | <1% |

HEALTH HAZARD INFORMATION

Health Effects

Acute:

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

EYE: Very corrosive. Causes severe burns. There is a risk of serious damage to the eyes.

SKIN: Corrosive. Causes burns.

INHALED: Corrosive mists produced.

CHRONIC: Prolonged exposure to low concentration solutions may cause irritation to the 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 patient is not fully conscious do not give anything by mouth.

EYE: In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. Get urgent medical attention.

SKIN: Remove all contaminated clothing and wash skin thoroughly with soap and water.

INHALED: Remove patient from contaminated area into fresh air.

First Aid Facilities: Eye wash. Fresh water.

Advice to Doctor: Acidic product. Ulceration could be delayed so for eye contact or ingestion, patient should be re-checked.

PRECAUTIONS FOR USE

EXPOSURE: TWA for phosphoric acid is 1mg/m3

ENGINEERING CONTROLS: Avoid generating and inhaling mists at concentrations above 3.3% without appropriate ventilation.

PERSONAL PROTECTION: Avoid contact with the skin and eyes. Avoid breathing its mist. 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 or combustible.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: Dangerous Goods Class 8.

Must be stored and transported in accordance with State or Territory Dangerous Goods Regulations.

SPILLS & DISPOSAL: Absorb on vermiculite or similar absorbing material and collect in properly labelled drums. Contact local authorities regarding correct disposal. Small spills may be flushed 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.

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