

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: ACID-SAN RS-104
Other Names: C.I.P Cleaner/Sanitiser
Manufacturer's Code: RS-104
Un No: 1760
Dangerous Goods Class & Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule: N/A
Use: Phosphoric acid based rust and scale remover with sanitising purposes.

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Clear colourless liquid
Melting Point: N/A
Vapour Pressure: N/A
Specific Gravity: 1.35 gm/cc @ 20°C
Flash Point: N/A
Flammability Limits: N/A
Solubility in water: Completely miscible.

Other Properties:

Corrosiveness: Corrosive to most metals.
Reactivity: Contact with combustible material may cause fire
PH (undiluted): 1.0

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
Peracetic Acid	79-21-0	<10%
Phosphoric Acid	7664-38-2	>70%
Stabiliser	N/A	<1%
Water	7732-18-5	Balance

HEALTH HAZARD INFORMATION

Health Effects

Acute:

SWALLOWED: Corrosive if swallowed. May burn mouth, gullet and stomach. If swallowed, decomposition may occur in the stomach leading to the production of oxygen gas. This may cause distension of the stomach. Possibility of some bleeding occurring.

EYE: Corrosive. May cause damage to cornea which may effect vision if immediate first aid is not taken. Vapour may cause irritation.

SKIN: Corrosive. May cause delayed chemical burns. In some cases transient whitening of the effected area may occur.

INHALED: Irritating to respiratory tract. Possibility of development of fluid in the lungs with severe exposure.

CHRONIC: Not applicable.

FIRST AID

SWALLOWED: Immediately rinse the mouth out with water. Give water to drink. DO NOT induce vomiting. Seek medical advice or contact a Poisons Information Centre without delay.

EYE: If eye contact occurs immediately irrigate the eye with plenty of water for at least 15 minutes. Seek medical attention without delay.

SKIN: If skin contact occurs, wash contaminated skin thoroughly with soap and water. Remove contaminated clothing, soak in water and launder before re-use. Seek medical attention if signs or symptoms such as redness, swelling, blistering or irritation develop or persist.

INHALED: If inhaled remove patient from source of exposure. Seek medical advice.

First Aid Facilities: Eye wash. Fresh water.

PRECAUTIONS FOR USE

EXPOSURE: TWA for phosphoric acid 1mgm/m3. TWA for Hydrogen Peroxide is 1.4mg/m3. TWA for Acetic Acid is 25mg/m3.

ENGINEERING CONTROLS: Not applicable.

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

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT: RS-104 should be stored upright in the original vented container at ambient temperature in accordance with local statutory requirements and applicable standards. In area of moderate climate need not be protected against sunshine, regulations or appropriate standards.

Transport in accordance with the requirements of the current Australian Code for the transport of Dangerous Goods by Road and Rail, the IMO Regulations for Sea Freight and the IATA Regulations for Air Freight.

SPILLS & DISPOSAL: Dilute with copious quantities of water to less than 1% as Hydrogen Peroxide. Flush to drain with water.

Approval may be required from relevant authorities. Rinse container with water. Deface all labels and puncture container prior to disposal. Consult Jaegar Australia for further advice.

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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