

Date of Issue: December, 2007

Classified as Hazardous according to criteria of the NOHSC Australia

Identification

Product Name: Descaler
Other Names: N/A
Use: Mechanical dishwashing Descaler.
UN Number: 1760
Dangerous Goods Class and Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule Number: S6
Packing Group: III

Hazards Identification

▪ Risk Phrases:

R35 Causes severe burns.

R41 Risk of serious damage to eyes.

▪ Safety Phrases:

S1/2 Keep locked up and out of reach of children

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin wash immediately with plenty of soap suds.

S37/39 Wear suitable gloves and eye/face protection.

S45 In case of accident or if you feel unwell seek medical advice immediately (show label whenever possible.)

Physical description and properties

Appearance: Clear colourless liquid.
Boiling Point: Not Applicable
Vapour Pressure: Not Applicable
Specific Gravity: Aprox 1.1
Flashpoint: Not Applicable
Flammability Limits LEL: Not Available
Solubility in Water: Miscible in all proportions.
PH Value: 1.0 ± 0.5

Ingredients

Chemical Name	CAS Number	Proportion
Phosphoric Acid	7664-381-2	30%

Other ingredients determined not to be hazardous make up the balance to 100%

Health Hazard Information

▪ Health Effects

▪ Acute

Swallowed: Ingestion of substance will cause irritation to the throat.

Eye: Contact with substance will cause eye damage.

Skin: Skin contact will cause irritation and some welting.

▪

▪ Chronic

Chronic effects are unlikely due to severity of acute effects.

▪ First Aid

Swallowed: DO NOT induce vomiting. Give a glass of water and seek medical advice.

Eye: Hold eyelids open and flush with water for at least 15 minutes. Seek medical advice.

Skin: Remove any contaminated clothing and wash skin thoroughly with soap and water. If swelling, redness or irritation occurs seek medical advice.

Inhaled: Remove to fresh air. Seek medical attention.

▪ Advice to Doctor

Treat symptomatically. Show this M.S.D.S. to the medical practitioner.

Precautions for Use

Exposure Standards: TWA : 7.5mg/m3.

Engineering Controls: Adequate ventilation is necessary.

Personal Protection: Avoid contact with skin and eyes.

Gloves: Use nitrile rubber gloves .

Goggles: Use chemical resistant safety glasses .

Clothing: Long sleeves and trousers (preferably overalls) recommended. Use rubber boots to prevent skin contact.

Flammability: Non combustible material.

Safety Handling Information

Storage Precautions: Defined as dangerous goods by the Australian code for the transport of Dangerous Goods by Road and Rail. This product is scheduled Poison S6 and must therefore be stored and transported accordingly with the relevant State Poison Act. Keep containers closed at all times. Store away from food, acids, combustible materials and dangerous goods.

Ship Name: CORROSIVE LIQUID , N.O.S. 1760

Spills and Disposal: Slippery when spilt. Remove and dispose according to government regulations. For small spills wash with plenty of water. For large spills, soak up spill with absorbent material and place in suitably labeled drums for disposal. Wash away residue with large amounts of water.

Fire/Explosion Hazards: Not flammable. May give off toxic fumes if involved in a fire. Extinguish with water, CO2, foam or dry chemical.

Other Information

This MSDS is valid for five (5) years from the date of issue, but may be revised at any time prior to that date. Users of the document should contact Osher Blue to ensure they are using the latest issue. Since Osher Blue cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application. Osher Blue will not be responsible for damages of any nature resulting from use or reliance upon the information. No expressed or implied warranties are given other than those implied mandatory by Australian Legislation.

End of Material Safety Data Sheet.