

Infosafe No™ SPRES Issue Date : February 2015 ISSUED by SOPURAAU

Product Name **DESCALER 1480**

Classified as hazardous according to criteria of NOHSC.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Product Name DESCALER 1480
Product Use Acid Glass Descaler Detergent
Company Name Sopura Australia Pty Ltd
Address 4 KINGSTON PARK COURT KNOXFIELD
VIC 3180 Australia
Emergency Tel. 1300 767 872
Telephone Tel: (03) 9765 9800
Number/Fax Fax: (03) 9763 9243
Email customer.service@sopura.com.au
Other Information The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control Sopura Australia Pty Ltd and its associated companies do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	CITRIC ACID	N/A	10-30 %
	Phosphonic acid		10-30 %
	Water and other non hazardous substances	Mixture	BALANCE

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

Inhalation The mists and vapour may be an irritant to the respiratory tract. Symptoms may include coughing sore throat and breathing difficulties.
Ingestion May be harmful if swallowed. Ingestion may cause gastric irritation. Symptoms can include nausea, vomiting, diarrhoea, abdominal pain, and convulsions.
Skin Contact with skin may result in mild irritation. Prolonged contact will increase chances of irritation. Severity of effects will depend on duration of exposure. Potential symptoms will range from redness, rashes, inflammation to mild blistering.
Eye Product considered an eye irritant. Contact can cause mild to severe eye irritation. Effects may range from redness and blurred vision to conjunctivitis. Extreme cases may cause corneal burns and result in permanent eye damage.

4. FIRST AID MEASURES

First Aid Take all necessary precautions to ensure the first aid provider does not become a casualty. For advise, contact the Poisons Information Centre on 131 126 within Australia.
Inhalation In the unlikely event of inhalation exposure, remove casualty to fresh air. Recovery should be rapid after removal from exposure. If breathing becomes laboured or if irritation develops, seek medical attention.
Ingestion Do Not induce vomiting, as it may cause further damage. If patient is conscious, wash out mouth with water and give plenty of water to drink. Seek medical attention if large quantities are consumed or if irritation develops.
Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops, seek medical attention.
Eye If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelids(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops seek medical attention.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically and as for exposure to mildly acidic substances.

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5. FIRE FIGHTING MEASURES

Extinguishing Media	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Specific Methods	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition. In the case of ALL chemical fires, extra care should be taken to avoid injury.
Specific Hazards	Decomposition is likely to give rise to a complex mixture of gases and airborne particulates, including oxides of Phosphorus oxides, carbon dioxide and carbon monoxide. . Fire fighters should wear self contained breathing apparatus if there is a risk of breathing in vapours.
Flash Point	Not Applicable
Flammable Limits UEL	Not Applicable
Flammable Limits LEL	Not Applicable
Flammability	Non flammable.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	This is an acidic liquid. Spills should be cleaned up by trained personnel only. Spills may be slip hazard. Clear area of all unprotected personnel. Prevent spillage from entering waterways by drain covers and/or kitty litter. Wear protective equipment to prevent skin and eye contamination. Collect and seal in properly labelled containers for disposal. Avoid contact with alkaline materials. If contamination of sewers or waterways has occurred advise the local emergency services, EPA and relevant water authority.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)

7. HANDLING AND STORAGE

Handling	Ensure the appropriate personal protective equipment is used when handling this material. When using do not eat or drink. Prevent spills and avoid operations which contaminate clothing and work areas. Contaminated surfaces may be a slip hazard.
Storage	Dangerous Goods of Class 8 Corrosives (Acids) are to be stored in accordance with regulations. Ensure proper segregation from Class 1, Class 4.3, Class 5, Class 6, Class 7 and the Class 8 dangerous goods that are alkalies. Take particular care to store away from chlorinated products. A dangerous goods store should also be cool, dry, well ventilated, away from direct sunlight and have restricted access.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	No exposure standards have been established for this product or its ingredients by NOHSC.
Other Exposure Information	There are no exposure standards published for this product by NOHSC. The individual exposure standards for ingredients are given above. Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be expressed in three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).
Personal Protective Equipment	The following personal protective equipment should be worn. Overalls or similar protective apparel. Safety glasses. Enclosed footwear. PVC, neoprene or nitrile rubber gloves. If risk of inhalation of spray mist or vapour exists, or if TLV are exceeded wear an acid gas respirator as approved by AS/NZS 1716. If using a respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order.
Hygiene Measures	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear yellow liquid.
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Freezing Point	~-5°C
Boiling Point	~105°C
Solubility in Water	Complete
Specific Gravity (H2O=1)	1.22 (@20°C)
pH Value	~1.9 (NEAT) ~3.2 (10g/Lt)
Vapour Pressure	Not Applicable
Flash Point	Not Applicable
Flammability	Non flammable.
Flammable Limits LEL	Not Applicable
Flammable Limits UEL	Not Applicable

10. STABILITY AND REACTIVITY

Stability Stable under normal use conditions. This product is acidic. It will react exothermically with bases (eg caustic soda), ammonia, primary and secondary amines. Reacts to form toxic gases with all chlorinated products. DO NOT MIX CHEMICALS.

11. TOXICOLOGICAL INFORMATION

Inhalation The mists and vapour may be an irritant to the respiratory tract. Symptoms may include coughing sore throat and breathing difficulties.

Ingestion May be harmful if swallowed. Ingestion may cause gastric irritation. Symptoms can include nausea, vomiting, diarrhoea, abdominal pain, and convulsions.

Skin Contact with skin may result in mild irritation. Prolonged contact will increase chances of irritation. Severity of effects will depend on duration of exposure. Potential symptoms will range from redness, rashes, inflammation to mild blistering.

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Acute Toxicity - Oral Oral LD50 (rat) : 2910 mg/kg

Acute Toxicity - Dermal Dermal LD50 (Rabbit): >6310 mg/kg

12. ECOLOGICAL INFORMATION

This product is mildly acidic. It may affect local flora and fauna if released into the environment. Avoid release in waterways and only dispose of in accordance with local authorities.

13. DISPOSAL CONSIDERATIONS

Container Disposal In dilute form discharge into an effluent system to correct pH. Contain all spills of concentrated product from entering waterways. Dispose of concentrate in accordance with local regulations. If practical return drums to supplier or send to a drum reconditioner without removing or defacing markings or labels. All containers should be emptied, washed out and have all caps securely fitted. Drums (even empty drums) without caps cannot be transported.

14. TRANSPORT INFORMATION

U.N. Number 3265

Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. - Phosphonic Acid

DG Class 8

Hazchem Code 2X

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Packaging Method	3.8.8
Packing Group	III
EPG Number	8A1
IERG Number	37
IMDG EMS	F-A S-B

15. REGULATORY INFORMATION

Risk Phrase	R36/38 Irritating to eyes and skin.
Safety Phrase	S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S46 If swallowed, seek medical advice immediately and show this container or label.
Poisons Schedule	S5
Hazard Category	Irritant

16. OTHER INFORMATION

Contact Person/Point	Technical Manager: (03) 9765 9800 Emergency:1300 767 872
References	* NOHSC:2011- National Code of Practice for the Preparation of Material Safety Data Sheets. * NOHSC:1008- Approved Criteria for Classifying Hazardous Substances. * NOHSC:10005- List of Designated Hazardous Substances. * NOHSC:1005- Control of Workplace Hazardous Substances, National Model Regulations. * NOHSC:2007-Control of Workplace Hazardous Substances, National Code of Practice. * NOHSC:1003-Exposure Standards for Atmospheric Contaminants in the Occupational. *Component MSDS from relevent Suppliers.
Last Change	First Issue
Signature of Preparer/Data Service	PJ
SDS History	First Issue
Poisons Schedule	S5
Hazard Category	Irritant ...End Of MSDS...

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