

Safety Data Sheet



LIME AND CALCIUM REMOVER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER			
Product Name	Lime and Calcium Remover		
Product Code	1lcr		
Product Use	Lime and calcium deposit remover		
Company Name	Sure Kleen Products Pty. Ltd.		
Address	9 Agett Road Malaga WA 6090		
Emergency Telephone	1800 057 377		
Telephone	(08) 92487444		
Fax	(08) 92487733		
Web	www.surekleenproducts.com.au		
2. HAZARDS IDENTIFICATION			
Globally Harmonised System Hazard Classification	Not hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)		
Signal Word	None		
Dangerous Goods Classification	NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)		
Poisons Schedule (Aust)	Not classified		
3. COMPOSITION/INFORMATION ON INGREDIENTS			
	Ingredient	CAS No.	Proportion
	Phosphoric acid	7664-38-2	<10%
	Water and other non-hazardous ingredients	-	to 100%
4. FIRST AID MEASURES			
Inhalation	Remove victim from exposure. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.		
Ingestion	Rinse mouth thoroughly with water. Give water to drink. Do NOT induce vomiting. If victim can swallow, have him/her drink 250 to 300 mL of water to dilute material in stomach. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Repeat administration of water. Obtain medical attention immediately.		
Skin	Immediately drench with running water and remove contaminated clothing including shoes. If irritation persists repeat flushing. Wash contaminated clothing before re-use or discard.		
Eye	If in eyes, hold eyelids apart and irrigate with clean water for at least 15 minutes. Seek immediate medical assistance.		
First Aid Facilities	Eye wash station and safety shower.		
Advice to Doctor	Treat symptomatically.		
5. FIRE FIGHTING MEASURES			
Extinguishing Media	Not flammable. Not combustible. Use extinguishing media appropriate to the source of the fire.		
Hazards from Combustion Products	In the event of a major fire, this product may emit toxic fumes.		
Precautions for Fire Fighters	Cool containers with water to prevent containers from rupturing.		
6. ACCIDENTAL RELEASE MEASURES			
Emergency Procedures	Small spills may be diluted with water or neutralised with soda ash and mopped up. Personnel involved in the clean up of large spills should wear appropriate protective clothing as specified in Section 8. Clean up spills immediately to prevent further accidents. Evacuate all unnecessary personnel. Stop leak if safe to do so. Do not let product enter drains or waterways.		

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Spills & Disposals	Contain and recover liquid where possible. Use material such as earth to contain spill and pack contaminated material into appropriate containers for disposal at approved site. Spills can be neutralized with lime or soda ash. Wash affected area with water.
7. HANDLING AND STORAGE	
Storage	Store in original container in a cool, well-ventilated area out of direct sunlight. Keep containers closed when not in use.
Handling	Wear protective clothing as specified in Section 8 when handling product in bulk or there is potential for skin and eye contact. Wash hands and other exposed areas with soap and water immediately after handling and before eating, drinking, smoking or using the toilet.
8. EXPOSURE CONTROL/PERSONAL PROTECTION	
Exposure Standards	Threshold Limit Values for Phosphoric Acid: Time Weighted Average (TWA) = 1 mg/m ³ Short Term Exposure Limit (STEL) = 3 mg/m ³
Biological Limits	None allocated.
Engineering controls	Use with good general ventilation.
Personal Protective Equipment	No special equipment is needed when occasionally handling small quantities. Where bulk handling is taking place or where regular exposure may occur in an occupational environment, personal protection should include gloves, eye protection and clothing as specified below. Eye Protection: Face shield and/or chemical goggles (AS 1336/1337). Glove Type: Impervious PVC, rubber or nitrile gloves (AS 2161). Clothing: PVC, nitrile or rubber splash apron and safety boots. Respirator: If an inhalation risk exists, wear an approved respirator complying with AS 1716.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Clear pink mobile, slightly viscous, liquid.
Odour	None
pH (neat)	~2
Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/Range	Approximately 100°C
Freezing/Melting point	<0°C
Solubility in Water	Miscible in all proportions
Specific Gravity	Approximately 1.05
Flash Point	Not applicable
Flammable Limits	Not flammable
10. STABILITY AND REACTIVITY	
Chemical Stability	Stable under normal conditions of storage and handling.
Materials to Avoid	Alkaline materials, strong oxidising agents and chlorine products (pool chemicals).
Decomposition	Only in a major fire (composition unknown)
Hazardous Reactions	Reacts with alkalis with evolution of heat. Reacts with chlorine products (pool chemicals) with evolution of toxic chlorine gas.
11. TOXICOLOGICAL INFORMATION	
Health Hazard Summary	Product is acidic. Irritating to eyes.
Inhalation	Not a likely route of exposure (product is not volatile). Inhalation of mist or spray may cause respiratory irritation.
Ingestion	Ingestion may cause irritation of the mouth and throat, stomach pain, nausea, vomiting and diarrhoea.
Skin	Repeated or prolonged skin contact may cause redness and discomfort.
Eye	Irritant.
Toxicity Data	Low systemic toxicity. LD50 (rat) 1530mg/kg

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12. ECOLOGICAL INFORMATION	
Ecotoxicity	May be harmful in the aquatic environment due to reduction of water pH.
Persistence and Degradability	No data available.
Mobility	No data available.
13. DISPOSAL CONSIDERATIONS	
Waste Disposal	Refer to waste management authority. Containers should be thoroughly rinsed and recycled.
Legislation	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.
14. TRANSPORT INFORMATION	
Not classified as a Dangerous Good according to the criteria of the ADG Code	
U.N. Number	None allocated
Proper Shipping Name	None allocated
Class and Subsidiary Risk(s)	None allocated
Packing Group	None allocated
Special Precautions	None required
Hazchem Code	None allocated
15. REGULATORY INFORMATION	
Poisons Schedule	Not scheduled
AICS	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
16. OTHER INFORMATION	
Contact Point	John Browner
Title	Technical Manager
Telephone	08 92487444
After Hours	1800 057 377
<p>The information contained in this Data Sheet is believed to be accurate and reliable; however, Sure Kleen Products shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever arising from the use of this product as conditions and methods of use are beyond our control. Users should read this Data Sheet and evaluate the information in the context of how the user intends to handle and use the product in the workplace including the use of this product with other products.</p>	

End of Report