


# Safety Data Sheet

## PHOSKLEEN 60

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
Product Name	PHOSKLEEN 60
Product Code	Pho60
Product Use	Scale and mineral deposit remover.
Company Name	Kleen West Distributor
Address	Unit 3/ 22 Prestige parade WA 6065
Emergency Telephone	13 11 26
Telephone	(08) 9303 2882
Fax	(08) 9303 2306
Web	<a href="http://www.kleenwest.com.au">www.kleenwest.com.au</a>
2. HAZARDS IDENTIFICATION	
Hazardous Nature	Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS. This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE. Poisons schedule (SUSMP) S6 Poison.
Classification of the substance or mixture	Skin Corrosion / Irritation – Category 1B Acute Toxicity (Inhalation) – Category 4
Signal Word; Danger	
Hazard Statements	H314 Causes severe skin burns and eye damage. H332 Harmful if inhaled.
Precautionary Statement(s)	GENERAL P101 If medical advice is needed, have product container or label at hand P102 Keep out of reach of children P103 Read label before use  PREVENTATIVE P260 Do not breathe dusts or mists P264 Wash thoroughly after handling P271 Use only outdoors or in a well-ventilated area P280 Wear protective gloves/eye protection/face protection  RESPONSE P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P303 + P361 + P353 IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P310 Immediately call a POISON CENTER or doctor/physician P363 Wash contaminated clothing before reuse  STORAGE P405 Store locked up DISPOSAL P501 Dispose of contents/container in accordance with local regulations

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<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>			
	<b>Ingredient</b>	<b>CAS No.</b>	<b>Proportion</b>
	Phosphoric acid	7664-38-2	30 – 60%
	Water and other non-hazardous ingredients	-	to 100%
<b>4. FIRST AID MEASURES</b>			
<b>Inhalation</b>	Remove victim from exposure. Seek immediate medical attention.		
<b>Ingestion</b>	Immediately rinse mouth with copious amounts of water. Do not induce vomiting. Give water to drink. Seek immediate medical attention.		
<b>Skin</b>	DO NOT DELAY. If spilt on large area of skin or hair, immediately drench with running water and remove contaminated clothing. Continue to wash skin and hair with plenty of water until advised to stop by the Poisons Information Centre or a doctor. Seek medical attention.		
<b>Eye</b>	DO NOT DELAY. If in eyes, hold eyes open, flood with water for at least 15 minutes or until advised by the Poisons Information Centre or a doctor. Seek immediate medical attention.		
<b>First Aid Facilities</b>	Eye wash station and safety shower.		
<b>Symptoms caused by exposure</b>	<p>Inhalation: May cause respiratory irritation and possible harmful corrosive effects, including breathing difficulty, lung inflammation, sneezing and throat swelling</p> <p>Skin: A severe irritant. Will cause redness, itching, irritation, severe pain and chemical burns</p> <p>Eye: A severe irritant. May include pain or burning sensation, redness, swelling and/or blurred vision. Concentrated solutions can cause permanent eye damage</p> <p>Ingestion: May cause burns to the mouth and throat, pain in the stomach, difficulty in breathing, nausea, vomiting diarrhoea, and convulsions. It may cause gastric or oesophageal perforation</p>		
<b>Advice to doctor</b>	Treat symptomatically		
<b>5. FIRE FIGHTING MEASURES</b>			
<b>Extinguishing Media</b>	Not combustible, however, if material is involved in a fire use: foam, dry chemical powder, carbon dioxide, water spray or water fog (do not use water jets).		
<b>Hazards from Combustion Products</b>	Will decompose in fire conditions, releasing toxic and irritating oxides of phosphorus. Contact with common metals produces hydrogen which may form flammable mixtures with air.		
<b>Precautions for Fire Fighters</b>	Wear full protective clothing and self-contained breathing apparatus. Hazchem code 2R.		
<b>6. ACCIDENTAL RELEASE MEASURES</b>			
<b>Emergency Procedures</b>	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.		
<b>Spills &amp; Disposals</b>	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.		
<b>7. HANDLING AND STORAGE</b>			
<b>Storage</b>	Store in original container in a cool, well ventilated area out of direct sunlight. Keep containers closed when not in use.		
<b>Handling</b>	Non-combustible material. Avoid skin and eye contact and breathing mists. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. When preparing or diluting acid solutions, the acid should be added slowly to water with		

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	plenty of careful stirring to prevent overheating, splashing and splattering of the acid.
<b>8. EXPOSURE CONTROL/PERSONAL PROTECTION</b>	
<b>Exposure Standards</b>	From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia - Phosphoric Acid: 3mg/m <sup>3</sup> STEL, 1mg/m <sup>3</sup> TWA
<b>Biological Limits</b>	None allocated.
<b>Engineering controls</b>	Use with good general ventilation.
<b>Personal Protective Equipment</b>	<b>Eye Protection:</b> Face shield and/or chemical goggles (AS 1336/1337). <b>Glove Type:</b> Impervious PVC, rubber or nitrile gloves (AS 2161). <b>Clothing:</b> PVC, nitrile or rubber splash apron and safety boots. <b>Respirator:</b> If an inhalation risk exists, wear an approved organic vapour respirator complying with AS 1716.
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance</b>	Clear mobile liquid
<b>Odour</b>	None
<b>pH (neat)</b>	<2
<b>Vapour Pressure</b>	Not determined
<b>Vapour Density</b>	Not determined
<b>Boiling Point/Range</b>	Approximately 158°C
<b>Freezing/Melting point</b>	<0°C
<b>Solubility in Water</b>	Miscible in all proportions
<b>Specific Gravity</b>	Approximately 1.4
<b>Flash Point</b>	Not applicable
<b>Flammable Limits</b>	Not flammable
<b>10. STABILITY AND REACTIVITY</b>	
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Materials to Avoid</b>	Alkaline materials, strong oxidising agents and chlorine products (pool chemicals).
<b>Decomposition</b>	Only in a major fire (composition unknown)
<b>Hazardous Reactions</b>	Reacts with alkalis with evolution of considerable heat. Reacts with chlorine products (pool chemicals) with evolution of toxic chlorine gas.
<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Acute toxicity</b>	LD50 Oral (rat) = 1530mg/kg.
<b>Health Hazard Summary</b>	Product is highly acidic. Corrosive to skin and eyes.
<b>Inhalation</b>	Not a likely route of exposure (product is not volatile). Inhalation of mist or spray may cause respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.
<b>Ingestion</b>	Ingestion may cause burns to the mouth and throat, pain in the stomach, difficulty in breathing, nausea, vomiting, diarrhoea, and convulsions. If swallowed in large amounts gastric or oesophageal perforation is possible.
<b>Skin</b>	Corrosive to skin. Skin contact may cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction.
<b>Eye</b>	Corrosive to eyes. Mists may cause severe eye irritation. Concentrated solution can cause severe burns, pain and permanent eye damage.
<b>Toxicity Data</b>	Low systemic toxicity. The toxic effects of this product are due to its acidity.
<b>12. ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity</b>	May be harmful in the aquatic environment due to reduction of water pH.
<b>Persistence and Degradability</b>	No data available.
<b>Mobility</b>	No data available.
<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste Disposal</b>	Refer to waste management authority. Containers should be thoroughly rinsed and recycled.

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<b>Legislation</b>	Dispose of in accordance with applicable local and national regulations. Contact a specialist waste company or local regulator for advice.
<b>14. TRANSPORT INFORMATION</b>	
<b>Classified as a Dangerous Good according to the criteria of the ADG Code</b>	
<b>U.N. Number</b>	1805
<b>Proper Shipping Name</b>	PHOSPHORIC ACID
<b>Class and Subsidiary Risk(s)</b>	Corrosive 8
<b>Packing Group</b>	III
<b>Special Precautions</b>	None
<b>Hazchem Code</b>	2R
<b>15. REGULATORY INFORMATION</b>	
<b>Poisons Schedule</b>	Schedule 6
<b>AICS</b>	All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).
<b>16. OTHER INFORMATION</b>	
<b>Contact Point</b>	Anthony Benich
<b>Title</b>	Technical Manager
<b>Telephone</b>	08 9303 2882
<b>After Hours</b>	0432 620 423
<p>The information contained in this Material Safety Data Sheet is believed to be accurate and reliable; however, Kleen West Distributors 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 Material Safety 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**