

KWD TILE & GROUT

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
Product Name	KWD Tile and Grout
Product Code	KwdTilGro
Product Use	Scale, mould 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	www.kleenwest.com.au
2. HAZARDS IDENTIFICATION	
Hazardous Nature	Not Classified as a Dangerous Good by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail. This material is hazardous according to health criteria of Safe Work Australia; HAZARDOUS SUBSTANCE. Poisons schedule (SUSMP) S5 Poison.
Classification of the substance or mixture	Serious Eye Damage/Irritation – Category 2A Acute hazard to Aquatic Environment – Category 3
Signal Word	 Warning
Hazard Statement(s)	H319 Causes serious eye irritation H402 Harmful to aquatic life
Precautionary Statement(s)	P102 Keep out of reach of children P103 Read label before use P264 Wash hands thoroughly after handling. P280 Wear protective gloves, protective clothing, 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 immediately all contaminated clothing, Rinse skin with water/shower. P363 Wash contaminated clothing before re use. P304+P340 IF INHALED Remove person to fresh air and keep comfortable for breathing. P310 Immediately call a POISON CENTER or doctor/physician. P321 Specific treatment (see First Aid Measures on Safety Data Sheet). P305+P351+P338 IF IN EYES, Rinse cautiously with water for several minutes, remove contact lenses if present and easy to do, Continue rinsing.
Storage	P405 Store locked up.
Disposal	P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

Safety Data Sheet



3. COMPOSITION/INFORMATION ON INGREDIENTS			
	Ingredient	CAS No.	Proportion
	Citric Acid Anhydrous	77-92-9	<10%
	Butyl Glycol Ether	111-76-2	<5%
	Quaternary Ammonium Salt	68424-95-3	<5%
4. FIRST AID MEASURES			
Inhalation	Remove victim from exposure. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.		
Ingestion	Immediately rinse mouth with copious amounts of water. Do not induce vomiting. Give water to drink. Seek immediate medical attention.		
Skin	Immediately drench with running water and remove contaminated clothing.		
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 & 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	Not flammable. Not combustible. Use extinguishing media appropriate to the source of the fire.		
Precautions for Fire Fighters	In the event of a major fire, this product may emit toxic fumes following evaporation of aqueous component.		
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.		
Spills & Disposals	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.		
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	Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of mists & aerosols.		
8. EXPOSURE CONTROL/PERSONAL PROTECTION			
Exposure Standards	None allocated		
Biological Limits	None allocated		
Engineering controls	Use with good general ventilation		
Personal Protective Equipment	Gloves & protective eyewear		
9. PHYSICAL AND CHEMICAL PROPERTIES			
Appearance	Clear mobile liquid		
Odour	Characteristic		
pH (neat)	<2		

Safety Data Sheet



Vapour Pressure	Not determined
Vapour Density	Not determined
Boiling Point/Range	Approximately 100°C
Freezing/Melting point	Not determined
Solubility in Water	Miscible in all proportions
Specific Gravity	1.10 – 1.12
Flash Point	Not applicable
Flammable Limits	Non flammable
10. STABILITY AND REACTIVITY	
Chemical Stability	Stable under normal conditions of storage and handling.
Materials to Avoid	Stable under normal conditions of storage and handling.
Decomposition	Alkaline materials, strong oxidising agents and chlorine products (pool chemicals).
Hazardous Reactions	None known
11. TOXICOLOGICAL INFORMATION	
Health Hazard Summary	Product is acidic. Irritating to skin and eyes.
Inhalation	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. Acute toxicity estimated at >20mg/L.
Ingestion	LD50 (oral) = 3000mg/kg. 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.
Skin	Corrosive to skin. Skin contact may cause redness, itching & irritation.
Eye	Corrosive to eyes. Mists may cause severe eye irritation.
Toxicity Data	This material has been classified as non – hazardous.
12. ECOLOGICAL INFORMATION	
Ecotoxicity	May be harmful in the aquatic environment due to reduction of water pH.
Persistence and Degradability	May be harmful in the aquatic environment due to reduction of water pH.
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
Proper Shipping Name	Not applicable
Class and Subsidiary Risk(s)	None
Packing Group	None
Special Precautions	None
Hazchem Code	None
15. REGULATORY INFORMATION	
Poisons Schedule	S5
AICS	Not applicable
16. OTHER INFORMATION	
Contact Point	Anthony Benich

Safety Data Sheet



Title	Anthony Benich
Telephone	Technical Manager
After Hours	08 9303 2882
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.	

End of Report