

1. PRODUCT SUPPLIER

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1.1 EMERGENCY TELEPHONE NO.

SAFETY DATA SHEET

REVISION No.	DATE
3.1	15 December 2017

1.2 PRODUCT IDENTIFIER CATER-SCALE	1.3. APPLICATION ACID DESCALER FOR STAINLESS STEEL & COPPER VESSELS
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2. HAZARDS IDENTIFICATION	
Classification 1999/45/EC	Classified as dangerous
Main Hazards	Causes burns
Other Hazards	This product does not have a workforce exposure limit. This mixture is not identified as a PBT substance

3. COMPOSITION / INFORMATION ON INGREDIENTS						
Hazardous Ingredients	Index No.	EINECS No.	CAS No.	Conc. (%w/w)	Classification	Workplace Exposure Limit
Orthophosphoric Acid		231-633-2	7664-38-2	10-30%	Skin Corr. 1B: H314	UK - 8 hour TWA 1 mg/m ³ UK - 15 min. STEL 2mg/m ³
Cocamidopropyl Betaine		263-058-8	61789-40-0	1-10%	[Xi] R41	

4. FIRST AID MEASURES		11. TOXICOLOGICAL INFORMATION	
Eyes	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.	Eyes	Corneal burns may occur. May cause permanent damage.
Skin	Remove contaminated clothes and footwear unless stuck to skin. Drench skin with running water for 10 mins. Transfer to hospital if there are burns.	Skin	Blistering may occur. Progressive ulceration will occur if Treatment is not immediate.
Ingestion	Wash out mouth with water. Do not induce vomiting. Give water to drink every 10 minutes. If unconscious check for breathing, apply artificial respiration if necessary. Transfer to hospital as soon as possible.	Ingestion	Corrosive burns may appear around the lips. Blood may be vomited. Possible bleeding from the mouth or nose.
Inhalation	Remove casualty from exposure. If unconscious and breathing place in recovery position. If breathing becomes bubbly give oxygen. Take to hospital.	Inhalation	Possible shortness of breath with burning sensation in Throat. Exposure may cause coughing or wheezing.

5. FIREFIGHTING MEASURES		12. ECOLOGICAL INFORMATION	
Extinguishing media	Use suitable extinguishing media.	Readily absorbed into soil. Biodegradable. No bioaccumulation potential Negligible ecotoxicity This product is not identified as a PBT substance.	
Exposure hazards	Corrosive. In combustion emits toxic fumes.		
Advice for firefighters	Wear self-contained breathing apparatus and Clothing to protect skin and eyes.		

6. ACCIDENTAL RELEASE MEASURES		13. DISPOSAL CONSIDERATIONS	
Personal Precautions	Do not take action without wearing protective clothing. Prevent access to unauthorised personnel	Transfer to a suitable container and arrange for collection by specialised disposal company. Be aware of possible existence of regional or national regulations regarding disposal.	
Environmental	Do not discharge into drains. Contain the spillage using bunding.		
Cleaning-Up Procedure	Absorb into dry earth/sand. Transfer to labelled salvage container for appropriate disposal.		

7. HANDLING & STORAGE				14. TRANSPORT INFORMATION			
Handling Requirements		Avoid contact with the substance. Ensure sufficient ventilation.		UN Number	1805	UN Shipping Name	Phosphoric Acid Sol'n
Storage Conditions		Store in a cool, well-ventilated area. Keep containers tightly closed.		ADR/RID Class	8	ADR/RID Hazard ID	C1
8. EXPOSURE CONTROLS / PERSONAL PROTECTION				IMDG Class	8	IMDG EmS Code	F-A,S-B
Controls	Ensure ventilation	Hands	Impermeable gloves	IATA Class	8	IATA Packing Instr Cargo / Max qty	856(CAO)
Eyes / Face	Tight-fitting goggles	Clothing	Impermeable	Packing Group	III	IATA Packing Instr Passenger / Max qty	852(P&CA)
Skin	Impermeable clothing	Respirators	Have available	Further Info	Labelling: 8 - Corrosive Diamond		

9. PHYSICAL AND CHEMICAL PROPERTIES		15. REGULATORY INFORMATION	
State:	Liquid	<p>CORROSIVE</p>	Risk Phrases: R34: Causes burns. R36 Irritating to eyes. P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P405: Store locked up. P501: Dispose of contents/container to hazardous or special waste collection point. Contains ORTHOPHOSPHORIC ACID.
Colour:	Colourless		
Odour:	Characteristic Odour		
Evaporation Rate:	Slow		
Solubility in water:	Soluble		
Viscosity:	Non-viscous		
pH:	1		

10. STABILITY AND REACTIVITY		16. OTHER INFORMATION	
Chemical Stability	Stable under normal conditions.	Prepared in accordance with Commission Regulation (EU) No 453/2010	
Conditions to Avoid	Heat	The above information is believed to be correct but does not purport to be all inclusive, and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling, using, or from contact with this product.	
Materials to Avoid	Strong oxidising agents. Strong alkalis.		
Haz. Decomposition Prods	In combustion emits toxic fumes.		