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9 & 11 Evans Street
Alrode South
Alberton
South Africa

SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	POOL ACID		
Product Use:	POOL CHLORINE		
Supplier's Name:	Arrow Chem Chemical Manufacturer	Street Address:	9-11 Evans Street
Suburb:	Alrode South	City:	Alberton
Tel number: +2711 900 3633	Emergency no: 0633739195	Email Address:	sales@thearrow.co.za

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients	% Range	CAS Number	Toxicity information
Sulfuric acid	100%	7681-52-9	Hazardous

SECTION 3: HAZARDOUS IDENTIFICATION

Main Hazard:	Hazardous
Flammability:	Non-flammable and non-combustible liquid
Chemical Hazard:	Very Hazardous
Biological Hazard:	N/A
Reproduction Hazard:	N/A
Inhalation:	Unlikely to occur. vapor may cause corrosion to upper respiratory tract
Skin:	Causes sever burns to skin. Repeat4ed contact can cause dermatitis
Eyes:	Causes severe burns to eyes
Ingestion:	Causes sever chemical burns to oesophagus and to stomach lining
Carcinogenicity:	N/A
Mutagenicity:	N/A
Neurotoxicity:	N/A



SECTION 4: FIRST AID MEASURES

Product Inhaled:	Unlikely to occur. Vapor may cause corrosion to upper respiratory tract.
Product on Skin:	Contact with broken skin may cause burning, blistering, and tissue destruction
Product in Eyes:	Corrosive
Product Ingested:	Causes severe chemical burns to oesophagus and to stomach lining

SECTION 5: FIRE FIGHTING IDENTIFIERS

FLAMMABLE:	YES	NO	If yes under which conditions:	N/A
	√			
Method of extinction:	Water, as fog or spray			
Flashpoint (°C) and Method:	Upper Flammable Limit (% by Volume):		Lower Flammable Limit (% by Volume):	
N/A	N/A		N/A	
Autoignition Temperature (°C):	Explosion Data – Sensitivity to Impact:		Explosion Data – Sensitivity to Static Discharge:	
N/A	N/A		N/A	
Hazardous Decomposition Products:	N/A			

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Remove all sources of ignition. Keep water away from spilled material. Ventilate area of leak or spill, wear appropriate personal protective equipment as specified in section 8
Precautions:	Do not release into natural waterways
Small Spills:	Clean up area where spill has occurred with mop, rinse with water and flush residue to sanitary sewer.
Large Spills:	In the event of a large spill use water to flush away.

SECTION 7: HANDLING AND STORAGE

Suitable Material:	Plastic Container
Handling/Storage Precautions:	Store in a cool dry place. Keep product tightly sealed in original containers



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SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits:		N/A									
Engineering Controls: workers should have access to an eye wash fountain in case of accidental eye contact											
Personal Protective Equipment:											
<input type="checkbox"/>	Gloves	<input type="checkbox"/>	Respirator	<input type="checkbox"/>	Eye	<input type="checkbox"/>	Footwear	<input type="checkbox"/>	Clothing	<input type="checkbox"/>	Other
If checked, please specify type: Wear safety goggles, neoprene gloves if there is the potential of repeated or prolonged use.											

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: N/A	Odour: N/A	Ph: N/A
Flush Point: N/A	Melting Point: N/A	Boiling Point: N/A
Flammability: N/A	Solubility co-efficient: N/A	Density: N/A
Solubility – Water: N/A	Solubility – Solvent: N/A	Explosive Properties: N/A
Vapour Pressure: N/A	Oxidising Properties: N/A	Neurotoxicity N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:		If no, under which conditions:	
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
Incompatibility with Other Substances:		If yes, which ones?	
<input checked="" type="checkbox"/>	YES	<input type="checkbox"/>	NO
Reactivity and under what conditions: N/A			
Hazardous Decomposition Products: N/A			



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SECTION 11: TOXICOLOGICAL INFORMATIONS

Acute Toxicity:			
Corrosive			
Skin and eye contact:			
Corrosive			
Chronic toxicity:			
No data available			
Carcinogenicity:	No data available	Mutagenicity:	No evidence available

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity – Fish:	Dangerous in high concentrations
Aquatic Toxicity – Daphnia:	Dangerous in high concentrations
Aquatic Toxicity – Algae:	Dangerous in high concentrations
Bioaccumulation:	No data available
Biodegradability:	No data available
Mobility:	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:	Via an authorised waste disposal company
Disposal of Packaging:	Dispose of container and unused contents in accordance with local requirements.

SECTION 14: TRANSPORT INFORMATION

UN No:	1748	Class	CORROSIVE LIQUID
Substance I.D No:		Danger Group	II

SECTION 15: REGULATORY INFORMATION

Risk Phases:	R36	Safety Phases:	S25
National Legislation:	Not Known		

SECTION 16: OTHER INFORMATION

To the best of our knowledge the information contained herein is accurate.

However, neither Arrow-Chem nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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