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VAT NO. 4220199527

PAD500**Material Safety : Data Sheet****Section I - Chemical Product and Company Identification**

Product Name/ Trade Name	PAD500	Code PAD50001
Supplier	SA Polichem 78 Craig Road, Unit 22A, Anderbolt, Boksburg	P.O. BOX 16145 ATLASVILLE 1465
Synonym		
Chemical Name	PAD 500	In case of Emergency:
Chemical Family	Acid based cleaner.	083 508 0724
Chemical Formula	Formulated chemical.	011 9182955
Manufacturer	SA Polichem 78 Craig Road, Unit 22A, Anderbolt, Boksburg	Material Uses Acid cleaner for bricks, dry cement, conc. floors.

Section II - Composition and Information on Ingredients

Substance Name	CAS #	% by Weight	Risk Phrases	Safety Phrases
Synperonic NP	N/A	> 1	R20-25	S13,36,27/39
Hydrochloric Acid	N/A	20 - 40	R10,26-28,34	S16,36-39
Colour	N/A	> 1	N/A	N/A

Section III - Hazards Identification

Potential Acute Health Effects	Irritating to respiratory system, irritating to skin, irritating to eyes.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: No known data. MUTAGENIC EFFECTS: No known data. TERATOGENIC EFFECTS: No known data. DEVELOPMENTAL TOXICITY: Toxic. Repeated or prolonged contact with spray mist may produce eye and skin irritation.

Section IV - First Aid Measures

Eye Contact	Immediately flush eyes with running water keeping eyelids open. Cold water may be used. Call physician immediately.
Skin Contact	Rinse with water.
Hazardous Skin Contact	Seek medical assistance.
Inhalation	If inhaled, remove to fresh air.
Hazardous Inhalation	Seek medical assistance.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. If any quantities of this material are swallowed, call a physician immediately.
Hazardous Ingestion	No additional information.

Section V - Fire and Explosion Data

Flammability of the Product	Non-flammable.
Auto-Ignition Temperature	N/A
Flash Points	N/A
Flammable Limits	N/A
Products of Combustion	N/A
Fire Hazards in Presence of Various Substances	N/A
Explosion Hazards in Presence of Various Substances	Not considered as a product presenting risks of explosion.
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	Non-combustible.
Special Remarks on Explosion Hazards	No additional remark.

Section VI - Accidental Release Measures

Small Spill	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
Large Spill	Absorb with dry earth, sand or other non-combustible material. Prevent entry into sewers, basements or confined areas; dike if needed.

Section VII - Handling and Storage

Handling	The usual precautions for handling chemicals should be observed.
Storage	No special storage requirements.

Section VIII - Exposure Controls/Personal Protection

Engineering Controls	Toxic product.
Personal Protection	Face shield. Overalls. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Overalls. Boots. Gloves.
Exposure Limits	Toxic by ingestion.

Section IX - Physical and Chemical Properties

Physical state and appearance	RED Liquid.	Odour	chemical
Molecular Weight	N/A	Taste	No known data.
PH (1% soln/water)	0 - 2	Colour	RED liquid.
Boiling/ Condensation Point	Weighed average: 100 OC		
Melting/Sublimination Point	N/A		
Critical Temperature	N/A		
Specific Gravity	1023 - 1064		
Vapour Pressure	N/A		
Vapour Density	N/A		
Volatility	N/A		
Odour Threshold	N/A		
Evaporation rate	N/A		
Viscosity	N/A		
Water/Oli Dist. Coeff.	Soluble in water.		
Solubility	Soluble in water.		

Section X - Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	N/A
Conditions of Instability	N/A
Incompatibility with Various Substances	No known data.
Corrosivity	Corrosive.
Special Remarks on Reactivity	N/A
Special Remarks on Corrosivity	Corrosive.

Section XI - Toxicological Information

Routes of Entry	Eye contact. Inhalation. Ingestion. Skin contact.
Toxicity to Animals	Toxic.
Chronic Effects on Humans	Toxic.
Other Toxic Effects on Humans	Irritating in case of eye contact, of ingestion, of inhalation, of skin contact.
Special Remarks on Toxicity to Animals	Irritating in case of eye contact, of ingestion, of inhalation, of skin contact.
Special Remarks on Chronic Effects on Humans	No known data.
Special Remarks on Other Toxic Effects on Humans	No known data.

Section XII - Ecological Information

Ecotoxicity	- Toxic.
Bio degradability	- Not Bio-degradable.
Bio accumulation	- Not determined.
Toxicity of the Products of Biodegradation	- Not Bio-degradable.

Section XIII - Disposal Considerations

Waste Information	Waste must be disposed of in accordance with environmental conservation Act 73 of 1989.
Waste Stream	Do not re-use containers. Puncture all plastic containers. Flatten all metal containers. Shred all bags.

Section XIV - Transport Information

ADR Classification	Not controlled under ADR of the EEC.
Marine Pollutant	No
IMDG Classification	000000
Subsidiary Risk	None
CEFIC Tremcard	****
HS Code	
Special Provisions for Transport	Not hazardous for transport. Not dangerous goods according to transport regulations.

Section XV - Other Regulatory Information and Pictograms

International Regulations List	Product not listed		
Other Regulations	N/A		
Other Classifications	N/A		
Hazardous Material Information System (USA)	Health Hazard		N/A
	Fire Hazard	0	N/A
	Reactivity	0	N/A
N/A	Personal Protection		N/A

Section XVI - Other Information.

References			
Other Special Considerations	This MSDS is drafted in accordance with S.A. Occupational and Safety Act 85/1993, however, the product when used as directed, contains less than 10% of the hazardous constituents declared. At use concentrations therefore, the product is considered completely non-hazardous.		
Validated by chemical engineer	Verified by IRENA KAMINSKI		
Irena Kaminski		Printed	
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