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PAD 750

Material Safety : Data Sheet

Section I - Chemical Product and Company Identification

Product Name/ Trade Name	PAD750	Code PAD7500001
Supplier	S.A. POLICHEM 22A, Anderbolt Industrial Area, 78 Craig Road Boksburg	P.O. BOX 16145 ATLASVILLE 1465
Chemical Name	S/Steel alum cleaner	In case of Emergency: 083 508 0724
Chemical Family	Acid based detergent	
Chemical Formula	Formulated chemical	
Manufacturer	S.A. Polichem, 22A, Anderbolt Industrial Area, 78 Craig Road Boksburg	Material Uses Stainless steel and Aluminium detergent cleaner.

Section II - Composition and Information on Ingredients

Substance Name	CAS #	% by Weight	Risk Phrases	Safety Phrases
Phosphoric acid	N/A	20 - 50	R24-25,34	S28.1,36-37
Hydrofluoric acid	N/A	8 - 20	R24-25,34	S28.1,36-37

Section III - Hazards Identification

Potential Acute Health Effects	Eye contact – irritant. Inhalation – irritant. Ingestion – irritant.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: No known data. MUTAGENIC EFFECTS: No known data. TERATOGENIC EFFECTS: No known data. DEVELOPMENTAL TOXICITY: No known data.

Section IV - First Aid Measures

Eye Contact	Immediately flush eyes with running water, keeping eyelids open. Cold water may be used. Finish by rinsing thoroughly with running water to avoid possible infection.
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Skin Contact	Allergic reaction – Rinse with water
Hazardous Skin Contact	N/A
Inhalation	Remove to fresh air.
Hazardous Inhalation	Obtain medical attention.
Ingestion	Obtain medical attention.
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	N/A
Fire Fighting Media and Instructions	N/A
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	No additional remark.

Section VI - Accidental Release Measures

Small Spill	Dilute with water and mop up and place in an appropriate waste disposal container.
Large Spill	Dilute with water and mop up, prevent entry into sewers, basements or confined areas; dike if needed.

Section VII - Handling and Storage

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

Section VIII - Exposure Controls/Personal Protection

Engineering Controls	Product does not contain relevant quantities of materials with exposure values that have to be monitored.
Personal Protection	Overalls, Gloves
Personal Protection in Case of a Large Spill	Goggles. Overalls. Boots. Face Shield.
Exposure Limits	Toxic by swallowing.

Section IX - Physical and Chemical Properties

Physical state and appearance	Clear liquid	Odour Chemical
Molecular Weight	N/A	Taste No known data.
PH	0 - 2	Colour Clear liquid
Boiling/ Condensation Point	N/A	
Melting/Sublimation Point	N/A	
Critical Temperature	N/A	
Specific Gravity	1.130 - 1.176	
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.	The product is much more soluble in water.
Solubility	Total 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	Not determined.
Corrosivity	Corrosive
Special Remarks on Reactivity	No known data.
Special Remarks on Corrosivity	N/A

Section XI - Toxicological Information

Stability	The product is stable.
Instability Temperature	N/A
Conditions of Instability	N/A
Incompatibility with Various Substances	Not determined.
Corrosivity	Corrosive
Special Remarks on Reactivity	No known data.
Special Remarks on Corrosivity	N/A

Section XII - Ecological Information

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

Section XIII - Disposal Considerations

Waste Information	Waste must be disposed of in accordance with Environmental Conservations 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
CEPIC Tremcard	****
HS Code	****
Special Provisions for Transport	Not classified as hazardous for transport.

Section XV - Other Regulatory Information and Pictograms

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