



No.:
ARMOURPHOS CLEANER

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MATERIAL SAFETY DATA SHEET

COMPANY DETAILS

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1. Product and Company Identification:

Trade Name:	ARMOURPHOS CLEANER	SAPMA :	2-H-F
Chemical Family:	Acidic Solution	EAC No.:	127
Chemical Name:		Hazchem Code:	3 [Y]
Synonyms:	General Purpose Industrial Cleaner	UN No.:	1263

2. Composition:

Hazardous components:	Phosphoric Acid
EC Classification:	F, Xn
R/S Phrases:	R11, R20/21 S2, S16, S29

3. Hazardous Identification:

Main hazard:	Phosphoric Acid, Aliphatic Alcohol
Flammability:	Flammable
SAPMA Health Rating:	2-Moderate – Irritation or minor reversible injury possible
Eye effect: eyes:	Irritant
Health effects - skin:	Allergic skin reaction, risk of dermatitis
Health effects – ingestion:	Harmful - Aspiration of the lungs
Health effects – inhalation:	Causes dizziness, headache or nausea
Neurotoxicity:	Solvents - Can effect brain and nervous system

No carcinogenic, mutagenic or genetic effects established.
May have short term environmental effects; contain, monitor & remove



4. First Aid Measures:

Product in eye:	Flush with water for 15 minutes. Seek medical attention if irritation persists.
Product on skin:	Wash with soap and water. Seek medical attention if irritation persists.
Product ingested:	Do not induce vomiting. Always seek medical attention.
Product inhaled:	Remove to fresh air. Restore breathing. Seek medical attention.

5. Fire Fighting Measures:

Extinguishing media:	Dry Chemical, Foam, Carbon dioxide, Water fog.
Special hazards:	Vapours are heavier than air and will accumulate forming explosive concentrations.
Protective clothing:	Self contained breathing apparatus and complete body protection.

6. Accidental Release Measures:

Personal precautions:	Appropriate PPE and equipment.
Environmental precautions:	Contain all spills. Do not allow to run into drains.
Small spills:	Soak with absorbent, dispose of in accordance with local regulations.
Large spills:	Evacuate area of unprotected personnel. Eliminate all ignition sources.

7. Handling and Storage:

Suitable material:	Stable under normal conditions.
Handling / Storage precautions:	Keep away from heat, sparks, open flames and strong oxidising agents.

8. Exposure Controls / Personal Protection:

Engineering Control measures:	Ensure adequate ventilation
Personal Protection-respiratory:	Approved respirator in confined spaces
Personal Protection-hand:	Impervious gloves
Personal Protection-eye:	Chemical goggles
Personal Protection-skin:	Protective clothing
Other Protection:	Use only with ventilation to keep exposure below guidelines

Name	8hr TWA (mg/m ³)	15min STEL (mg/m ³)
Phosphoric Acid	1	3
Mono Ethyl Glycol	52	104



9. Physical and Chemical Properties:

Appearance:	Slight Yellow Translucent
Flash Point:	> 0°C & < 116°C (BS 3900 PART A8)
Flammability:	Flammable
Density:	1.139 g/cm ³ ± 0.2
Solubility - water:	Soluble
Solubility - solvent:	Insoluble

10. Stability and Reactivity:

Conditions to avoid:	Strong oxidising agents, heat, sparks and open flames. Reacts violently with bases.
Incompatible materials:	Strong oxidising agents and bases.
Hazardous decom Products:	Carbon monoxide, nitrogen oxides and unidentified organic compounds.

11. Toxicological Information:

Skin and eye contact:	Aspiration of the lungs.
Chronic Toxicity:	Prolonged contact may result in dermatitis.

12. Ecological Information:

Aquatic toxicity - fish:	Toxic
Aquatic toxicity - daphnia:	Toxic
Aquatic toxicity - algae:	Toxic
Biodegradability:	Readily biodegradable
Bio-accumulation:	Does not bio-accumulate significantly
Mobility:	Float on water.

13. Disposal Considerations:

Disposal methods:	In accordance with local regulations.
Disposal of packaging:	Dispose to licensed disposal contractor.

14. Transport Information:

UN No. :	1263
Shipping Name	Paint or Paint Related Material
Packaging Group	II
Class	3



15. Regulatory Information :

EC Labels :	F, Xn
Risk phrases	R11 Highly flammable. R20/21 Harmful by inhalation and contact with skin
Safety phrases	S2 Keep out of reach of children S16 Keep away from sources of ignition - No smoking. S25 Avoid contact with eyes. S29 Do not empty into drains.

16. Other Information

Take precautionary measures against Static Discharges.
In case of discomfort always seek Medical Advice.

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