



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : Aluminium Sulphate
Synonym : Alum
Chemical Family : Inorganic Compound
Formula : $Al_2(SO_4)_3 \cdot 18H_2O$

COMPANY:

PARK INTERNATIONAL GROUP,
106-J/62-A/1, Millerpuram, Tuticorin - 628008,
Tamilnadu, India.
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2. COMPOSITION AND INFORMATION ON INGREDIENTS

Component : Aluminium Sulphate
CAS No. : 10043-01-3
Appearance : White (Slab form)

3. HAZARDOUS IDENTIFICATION : Non-Hazardous

Symptom of Exposure : dust irritates nose, mouth, eyes and skin
Routes of entry : Inhalation, Ingestion
Carcinogenicity : The material is not listed as cancer causing agent.

4. FIRST AID MEASURES

Eye Contact : Immediately flush eyes with cold water for at least 15 minutes.
Skin Contact : Wash thoroughly with soap and water.
Dust Inhalation : Remove to fresh air and rinse nose and mouth with water.
Emergency First Aid : Get medical assistance for all cases of overexposure.
Ingestion : Get immediate medical attention; if conscious, provide water.

5. FIRE FIGHTING MEASURES

Flash point (F) : Non-flammable
Fire Fighting Procedures : Self-contained breathing apparatus.
Fire & Explosion Hazards : N/A.

6. ACCIDENTAL RELEASE MEASURES
Spill Response:

Steps to be taken: Sweep and collect without making dust. Wash the area with water and soap.

Waste Disposal method: Seal all waste in vapour tight plastic bags for eventual disposal.

7. HANDLING AND STORAGE

Store in a cool, dry and well ventilated area. Avoid prolonged, or repeated, skin contact.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION
ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT:

Ventilation, Respiratory Protection, Protective Clothing, and Eye Protection: Materials should be handled or transferred in an approved fume hood or with adequate ventilation. Protective gloves (Neoprene, PVC or equivalent) should be worn to prevent skin contact. Safety glasses with side shields, Dust Masks, Respirators should be worn at all times.

Work/Hygienic Practices: Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Boiling point	:	Range not pertinent
Melting point(C)	:	At 770c Decompose
Specific Gravity (H2O=1)	:	1.7
Vapor Pressure (mm Hg)	:	N/A
Evaporation rate (BuAc=1)	:	N/A
Solubility in water (%)	:	Soluble
Appearance	:	White odorless cake

10. STABILITY AND REACTIVITY DATA

Stability	:	The product is stable.
Instability Temperature	:	Not available
Corrosives	:	Non-corrosive in presence of glass
Special Remarks on Reactivity	:	Not available
Special Remarks on Corrosives	:	Not available
Incompatibility with other material	:	Steam and Water
Polymerization	:	No

May corrode metals in presence of moisture. Hydrolyzes to form Sulphuric Acid.



11. TOXICOLOGICAL INFORMATION

Toxicity Data : Not available
Toxicological Findings : None

12. DISPOSAL CONSIDERATIONS

EPA Waste Number : Not available
Treatment : Seal all waste in vapour tight plastic bags for eventual disposal.

13. TRANSPORT INFORMATION

Non Hazardous and safe for Air, Sea and Road Freight.

14. OTHER REGULATORY INFORMATION

N/A

15. OTHER INFORMATION

NFPA Hazard Ratings:
Health : 2 Flammability : 0 Reactivity : 0 Special Hazards : 0

16. REVISION HISTORY:

N/A = Not available
N/E = None Established

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