



SREE RAYALASEEMA HI-STRENGTH HYPO LIMITED

Corp.Office: 216, Complex, 40-304, Bhagya Nagar, KUNROOL-518 004. Andhra Pradesh. India

Tel: 0091-8518-228750 (Dir) / 220164 / 222852 Fax: 0091-8518-228750 / 226656

E-mail: aquafit@srhhl.com / aquafit@gmail.com



SAFETY DATA SHEET

1. CHEMICAL IDENTITY

Chemical Name : Alumindium Sulphate : Chemical Classification Inorganic Compound
Synonyms : Cake Alum. : Trade Name

Formula : AL₂(SO₄)₃ 18H₂O : C.A.S.No. 10043-01-3 : UN No. Not Listed.

Regulated Identification : Shipping Name : Hazardous Substance, Solid, N.O.S.Hazchem Code : Not Listed
: Codes / Label : Not Listed.
: Hazardous Waste ID No. 17

HAZARDOUS INGREDIENTS : C.A.S.No. : HAZARDOUS INGREDIENTS : C.A.S.No.S

1. Aluminium Sulphate 10043-01-3 3
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2. PHYSICAL / CHEMICAL DATA

Boiling Pt / Range Not pertinent : 'C: Physical State Solid : Appearance White Powder.
Vapour Pressure : Odour Odourless
Melting / Freezing Pt. Decomp. At 770 'C : @35'C Not available mm Hg :
Vapour Density Not Available : Solubility : Others Insoluble in Alcohol and Ether
(Air=1) : In water at 30 'C Soluble
Specific Gravity 1.7 at : pH Not Pertinent
(Water = 1) 20'C (Solid) :

3. FIRE / EXPLOSION HAZARD DATA

Flammability NO : LEL Not Pertinent % : Flast Point 'C Not Pertinent (OC)
TDG Flammability Not Listed : UEL Not Pertinent % : Flast Point 'C Not Pertinent (OC)

Autoignition Temperature 'C : Not Pertinent
Explosion Sensitivity to impact : Stable
Explosion Sensitivity to Static Electricity : Stable
Hazardous Combustion Products : Emis toxic fumes of Sox and Na₂O
Hazardous Polymerization : Will not occur.

Combustible Liquid NO : Explosive Material NO. : Corrosive Material NO
Flammable Material NO : Oxidizer NO : Others.
Pyrophoric Material NO : Organic Peroxide NO :

4. REACTIVITY DATA

Chemical Stability : Stable
Incompatibility : Steam and Water.
With Other Material :

Reactivity : May corrode metals in presence of moisture. Hydrolyzes to form Sulphuric Acid.
Hazardous : Not available
Reaction products :

Contd...2..

AN ISO 9001 & 14001 CERTIFIED COMPANY

Regd. Office & Factory : Gondiparla, Kurnool - 518 004 (A.P). India. Tel:80065/66/67. Fax: +91-8518-280090

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5. HEALTH HAZARD DATA

Routes of entry : Inhalation, Ingestion, Skin & Eyes.
 Effects of : Inhalation of dust irritates nose and mouth. Ingestion of large doses causes gastric irritation,
 Exposure / : nausea, vomiting purging. Dust irritates eyes and skin.
 Symptoms
 Emergency : Inhalation : Rinse nose and mouth with water, Ingestion, : Give large amounts of water,
 Treatment Eyes & Sin: Wash with plenty of water for 15 mins. Seek Medical Aid.

LD50 (Oral-Rat) Not Listed mg/Kg : STEEL Not Listed ppm Not Listed mg/m3
 Permissible Exposure Limit Not Listed ppm Not Listed mg/m3 : Odour Threshold Odourless ppm Odourless mg/m3
 TLV (ACGIH) 0.14 ppm 2.0 mg/,3

NFPA Hazard : Health : Flammability : Reactivity : Special
 Signals : Not Listed : Not Listed : Not Listed :

6. PREVENTIVE MEASURES.

Personnel : Avoid Contact with solid or dust.
 Protective : Provide rubber gloves, Safety goggles face shield, dust mask, all purpose cannister, respirator.
 Equipment:

Handling & Storage Precautions : Sore in a cool, dry and well ventilated area.

7. EMERGENCY / FIRST AID MEASURES

FIRE : Fire Extinguishing : Not flammable do not use water or fires.
 : Media :

: Special Procedure : Keep the containers cool by spraying water if exposed to heat or flame.
 : Unusual Hazards : Poisonous gases are produced in fire.

EXPOSURE : First Aid Measure : Inhalation : Remove the victim to fresh air area and rinse nose and mouth
 with water.
 : Ingestion : Give large amounts of water.
 : Skin : Flush with water and Soap.
 : Eyes : Flush with water for 15 mins. Seek medical aid.

: Antidotes / Dosages : Not available

SPILLS : Steps To be taken : Swee 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.

8. ADDITIONAL INFORMATION / REFERENCES:

Moderately toxic by ingestion and intraperitoneal routes. Experimental reproductive effects. Hydrolyzes to form Sulphuric Acid which irrigates tissues and lungs.

MANUFACTURERS / SUPPLIERS DATA

NAME OF FIRM : Contact Person :
 MAILING ADDRESS: in Emergency.
 TELEPHONE / TELEX Nos.
 TELEGRAPHIC ADDRESS Local Bodies involved
 Standard Packing
 Team Card Details / Ref.

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