

MATERIAL SAFETY DATA SHEET (MSDS)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY UNDERTAKING

Product Name : **Aluminium Sulphate**
Product Information : **Water Treatment Chemical**
Company Name : **Pondicherry Chemicals**
Address : **B-188, Industrial Estate, Mettupalayam,
Pondicherry - 605009, India.**
Phone No. : **91 - 413 - 2271381, 4204382**
E-mail ID : pondicherrychemicals@gmail.in
Web : www.pondicherrychemicals.com

2 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name : **Aluminium Sulphate, $Al_2(SO_4)_3 \cdot 18H_2O$**
Product Code : **H.S.Code = 2833.22.10**
Hazardous Ingredients/Components : **Non Hazardous**
CAS NO : **10043-01-3**
Risk Phrases & Symbol : **NA**

(For e.g. Xi = Irritant, R36 = Irritating to eyes, R37 = Irritating to respiratory System, R38 = Irritating on skin.)

3 HAZARDS IDENTIFICATION

Health : **Inhalation**
Skin Contact :
Eye Contact : **NA**
Ingestion :
FIRE :

4 FIRST - AID MEASURES

Inhalation :
Skin Contact : **NA**
Eye Contact :
Ingestion :

5 FIRE FIGHTING MEASURES

Extinguishing media :
Fire Fighting Protective Equipment : **NA**
Specific Hazards :

6 ACCIDENTAL RELEASE

MEASURES :
Personal precautions : **NA**
Environmental precautions :
Method for cleaning up :

7 HANDLING AND STORAGE

Handling : **Ordinary Handling**
Storage : **Closed Godown**

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures :
Respirators :
Eye Protection : **NA**
Personal protective equipment :
Gloves :
Safety Glasses :
Occupational Exposure Limits-Hazardous Ingredients

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White Powder
Form	: Solid
Colour	: White
Odour	: Nil
pH (Value) at 5% Solution	: 2.5 - 3.2
Boiling Point	:
Melting Point	:
Flash Point	:
Flammable Limits	:
Auto Ignition Temperature	:
Explosive Properties	: Nil
Oxidising Properties	: Nil
Vapour Pressure (mm Hg)	:
Density (g/ml)	: 750 gm/Ls
Solubility (Water)	: 100% Soluble
Partition Coefficient	: Nil

Element	Symbol	Atomic Mass	# of Atoms	Mass Percent
Aluminium	Al	26.981538	2	15.772%
Oxygen	O	15.9994	12	56.113%
Sulfur	S	32.065	3	28.115%

10 STABILITY AND REACTIVITY

Hazardous Reactions	:
Hazardous Decomposition Products	: NA
Conditions to Avoid	:

11 TOXICOLOGY INFORMATION

Inhalation (LC50)	:
Skin Contact (Dermal - LD50)	: Anti-Toxic
Eye contact	:
Ingestion (Oral - LD50)	:

12 ECOLOGICAL INFORMATION

Environmental Hazards	: Nil
Persistence and Degradation	: Nil
Toxicity	: Nil
Effect on Effluent Treatment	: It is a Chemical used for Effluent Treatment

13 DISPOSAL CONSIDERATIONS

Production & contaminated Packaging	: NA
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14 TRANSPORT INFORMATION

IATA	:
ADR	: By Road and Sea
IMO	:
UN. NO.	:

15 REGULATORY INFORMATION

Classification and labeling Danger Sym	:
Danger Label	: NA
Safety Phrases	:

16 OTHER INFORMATION

It is a chemical used for many processing units, Paper Manufacturing Units, Effluent Treatment Units and in Detergent Industries also.

