Technical Data Sheet

Item Name:

ALS

PRODUCT INFORMATION

Chinese Name:	硫酸铝
Commodity Name:	ALS
Chemical Name:	Aluminium Sulfate
Other Name:	Aluminium Sulphate, Aluminium Sulfate Non-Ferrous, Aluminium Sulphate Dehydrate
CAS No.:	10043-01-3
Molecular Weight:	342.15
Molecular Formula:	$Al_2(SO_4)_3$

PRODUCT DESCRIPTION

It's a kind of inorganic material.

Solubility: soluble in water, insoluble in ethanol.

In papermaking industry it's used as rosin gum, wax emulsion glue, in water treatment industry used as flocculant. Also it canbe made for foam extinguisher agent.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White flakes or granular or powder
Al_2O_3 by wt %	17 min
Fe by wt %	0.005 max
Insoluble matter in watert by wt %	0.1 max
pH Value (1% solution)	3 min
Granularity by mm	15 max

MAIN APPLICATION

1.Used as paper sizing agent in paper making industry, to enhance the water resistance and performance of anti-permeability.

2.Afterf soluble in water, it can make the fine particles in the water and natural colloidal particles condensed into large pieces of floc, so it is used as coagulant for water supply and wastewater.

3.Used as water purifying agent, also used as a precipitating agent, color-fixing agent, filling agent, etc. used as raw in cosmetics materials (astringent).

4.In the fire-control industry, It's used as foam extinguishing agent with baking soda, foaming agent.

PACKING AND SHELF LIFE

Packing: 25kg PP Bag with PE Liner
Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.