

TECHNICAL DATA SHEET

Aluminium Sulfate Non-Ferric



-CAS No.: 10043-01-3

-Molecular Formula: $Al_2(SO_4)_3$

-Appearance: white flake/granular/powder

-Packing: 50kg Bags/1200kg bags, or customized.

-Storage: In a cool dry place and keep away from strong light and heat.

Specification:

Item	Standard
Al_2O_3	$\geq 16.5\%$
Fe	$\leq 0.005\%$
Water Insoluble	$\leq 0.1\%$
PH(1% aqueous solution)	3.0
Arsenic	$\leq 0.0005\%$
Heavy Metal (Pb)	$\leq 0.002\%$

Application:

1) Water effluent treatment system

It's used for purification of drinking water and wastewater treatment by settling of impurities by means of precipitation and flocculation.

2) Paper Industry

It helps in sizing of paper at neutral and alkaline pH, thus improving paper quality (reducing spots and holes and improving sheet formation and strength) and sizing efficiency.

3) Textile Industry

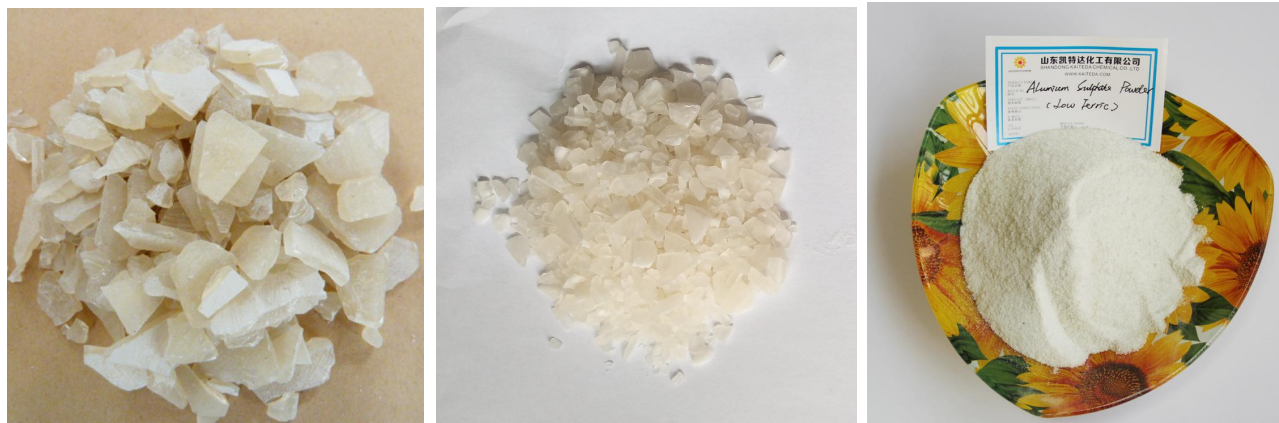
It is used for color fixing in Naphthol based dyes for cotton fabric.

4) Other Uses

Leather tanning, lubricating compositions, fire retardants; decolorizing agent in petroleum, deodorizer; food additive; firming agent; dyeing mordant; foaming agent in firefighting foams; fireproofing cloth; catalyst; pH control; waterproofing concrete; aluminum compounds, zeolites etc.

TECHNICAL DATA SHEET

Aluminium Sulfate Low-Ferric



-CAS No.: 10043-01-3

-Molecular Formula: $Al_2(SO_4)_3$

-Appearance: white or greenish flake/granular/powder.

-Packing: 25kg bag/50kg bags/1200kg bags, or customized.

-Storage: In a cool dry place and keep away from strong light and heat.

Specification:

Item	Standard
Al_2O_3	$\geq 15.6\%$
Fe	$\leq 0.9\%$
Water Insoluble	$\leq 0.15\%$
PH(1% aqueous solution)	3.0
Arsenic	$\leq 0.0005\%$
Heavy Metal (Pb)	$\leq 0.002\%$

Application:

1) Water effluent treatment system

It's used for purification of drinking water and wastewater treatment by settling of impurities by means of precipitation and flocculation.

2) Paper Industry

It helps in sizing of paper at neutral and alkaline pH, thus improving paper quality (reducing spots and holes and improving sheet formation and strength) and sizing efficiency.

3) Textile Industry

It is used for color fixing in Naphthol based dyes for cotton fabric.

4) Other Uses

Leather tanning, lubricating compositions, fire retardants; decolorizing agent in petroleum, deodorizer; food additive; firming agent; dyeing mordant; foaming agent in firefighting foams; fireproofing cloth; catalyst; pH control; waterproofing concrete; aluminum compounds, zeolites etc.