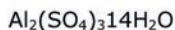


# Aluminum Sulphate ( Non Ferric Alum )

## CHEMICAL FORMULA :



## PROPERTIES :

Grade	Lumps, Kibbles & Powder
Molecular Weight	594
Sp. Gravity	1.61
Solubility	Soluble in water
Taste	Sweet in taste

## SPECIFICATIONS :

Aluminum as $\text{Al}_2\overset{\text{O}}{\text{O}}_3$	17.0% min.
Insoluble matter	0.30% max
pH of 5% solution	2.80 min
Iron (as Fe) :	0.01% max

## APPLICATIONS :

### WATER & EFFLUENT TREATMENT

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

### 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.

### DETERGENTS

It is used as a filling and binding agent in the manufacturing of bar soaps.

### PHARMACEUTICALS

It is used in the manufacturing of mild astringent and antiseptics for skin treatment.

### TEXTILE INDUSTRY

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

### 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.

## DANGERS AND PRECAUTIONS FOR HANDLING PRODUCT

Avoid skin & eye contact. In case of contact wash with plenty of water.

Store in a dry place

## PACKING :

It is packed in 50 kg HDPE/PP bags with inner liner



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