

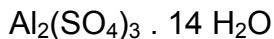
ALUMINIUM SULPHATE

Aluminium sulphate is widely used in several physical forms in many branches of industry. In the manufacture of paper and board the functions of aluminium sulphate include: paper resin sizing, conditioning of stock, fixing of colours, etc.

Aluminium sulphate is used for precipitation and coagulation in potable, industrial and waste water treatment.

In textile industry it is used for colours fixing.

CHEMICAL COMPOSITION



CHEMICAL AND PHYSICAL DATA

	Granulated Al - sulphate	Liquid Al - sulphate
Al ₂ O ₃	min. 17 %	min. 8 %
Fe ₂ O ₃	max. 0.01 %	max. 0.005 %
Insoluble in water	max. 0.1 %	max. 0.05 %
Free SO ₃	max. 0.1 %	max. 0.05 %
Basic SO ₃	max. 1.45 %	max. 0.72 %
pH at 20°C	3.4 - 3.7	2.3 - 2.8
Density at 20°C	/	1.315 - 1.325 g/cm ³

Both qualities of aluminium sulphate are classified as non-toxic and non-hazardous material.

GRANULATION

Appearance after grinding and sieving :

granulation size (mm)

standard	0 – 0.5	0 - 2	0 - 4	4 - 10	8 - 30	8 - 40	0 - 50	10 - 50
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On special demand it is possible to make unstandard granulations, too.

PACKING, STORAGE AND METHODS OF SUPPLY

- granulated Al - sulphate in 25- and 50 kg PP, PVC or multilayer paper bags; big - bags and trucks
- liquid Al - sulphate in road tanks
- storage : dry place above -10°C

The information in this publication is given in good faith and every effort has been made to ensure that it is correct, but no guarantee is given or implied.