

PRODUCT SPECIFICATION

Spec.-No.: KAL - 01

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Product:	Potassium Alum, techn.		
Description:	Potash Alum is manufactured by dissolving aluminium hydroxide in sulphuric acid with addition of potassium sulphate.		
Appearance:	Colourless crystals or white crystalline powder.		
Formula:	$KAl(SO_4)_2 \cdot 12 H_2O$		
CAS-No.:	7784 - 24 - 9		
Contents of $KAl(SO_4)_2$: (on dried substance)	99,0 - 100,5 %		
Loss on drying: (1 h, 400 °C)	43,0 - 46,0 %		
Chem. purity:	Fe	max.	0,02 %
	Pb	max.	0,03 %
	Water-insolubles	max.	0,01 %
Phys. Characteristics:	Density	approx.	1,75 g/cm ³
	Bulk Density	approx.	1000 kg/m ³
	Solubility in water (20 °C)	approx.	120 g/l
	pH (10 g / 100 ml H ₂ O; 20 °C)	approx.	3,0 - 3,5
Particle size:	0 - 2 mm		

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Application: Potash Alum is used as a coagulation agent for rubber latex, it is applied in leather tanning and as mordant in the dyeing industry.
Because of its vasoconstrictory effect Potash Alum is utilized in the pharmaceutical and cosmetic industries.

Packaging: Polyethylene bags of 25 kgs and of 50 kgs net.

Handling: National handling regulations should be taken notice of.

Note: Any details of application possibilities do not free the purchaser from the obligation of performing his own tests on the material supplied by the seller, in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.