

### Product

Aluminium potassium sulphate dodecahydrate is manufactured by dissolving aluminium hydroxide in sulphuric acid with addition of potassium sulphate.



### Appearance

Colorless crystals or white crystalline powder


### Formula

$KAl(SO_4)_2 \cdot 12 H_2O$

### CAS-No.

7784 – 24 – 9

<b>Product Specification</b>	Contents of $KAl(SO_4)_2$	99.0 – 100.5 %
	Loss on drying (1 h, 400 °C)	43.0 – 46.0 %
<b>Chem. Purity</b>	Fe	max. 0.02 %
	Pb	max. 0.03 %
	Water- insolubles	max. 0.01 %
<b>Physical Characteristics</b>	Density (20 °C)	approx. 1.75 g/cm <sup>3</sup>
	Bulk Density	approx. 1,000 kg/m <sup>3</sup>
	Solubility in water (20 °C)	approx. 120 g/l
	pH (10 g / 100 ml H <sub>2</sub> O; 20 °C)	approx. 3.0 – 3.5

	<b>Product Information</b>	
	<b>Aluminium potassium sulphate dodecahydrate (POTASSIUM ALUM) technical grade</b>	
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<b>Grain Size</b>	0 – 2 mm
<b>Application</b>	Aluminium potassium sulphate dodecahydrate is used as a coagulation agent for rubber latex, it is applied in leather tanning and as mordant in the dyeing industry.
<b>Packaging</b>	Polyethylene bags of 25 kgs and of 50 kgs net.
<b>Handling</b>	National handling regulations should be taken notice of.
<b>Note</b>	Any details of application possibilities do not free the purchaser from the obligation of performing his own test 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.

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