

TECHNICAL DATA SHEET
POTASSIUM ALUM CRYSTALS

Product code: MS15047

Date of issue: 11/09/2017

Replaces: 22/07/11

FORMULA : $KAl(SO_4)_2 \cdot 12H_2O$

(CAS : 7784-24-9 / EINECS : 233-141-3)

Potassium aluminium sulphate dodecahydrate

APPEARANCE

Colourless crystals.

CONCENTRATION

Potassium alum (dry product) : min. 99 % wt.

PHYSICAL PROPERTIES

pH (10 g/100 ml H ₂ O, 20°C)	: 3,0 – 3,5	
Density	: app. 1,75	g/cm ³
Bulk density	: app. 1000	kg/m ³
Solubility in water (20°C)	: app. 120	g/l
Particle size	: 0 – 2	mm

CHEMICAL ANALYSIS

Loss on drying (400°C, 1h)	: 43,0 – 46,0	%
Pb	: max. 0,03	%
Fe	: max. 0,02	%
Water insoluble substances	: max. 0,01	%
Heavy metals (as Pb)	: max. 20	ppm
As	: max. 2	ppm

PACKING

Can be obtained in bags.

Other packing available on request.

SAFETY REGULATION

The safety data sheet is available on request.

Information in this publication is believed to be accurate and is given in good faith, but it is for the customer to satisfy itself of the suitability for its own particular purpose.

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recall procedure available	Yes	
emergency number (24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944
QUALITY SYSTEMS		
ISO 9001	Yes	Yes
ISO 14001	Yes	Yes
ISO 22000	Yes	Yes
FSSC 22000	Yes	Yes
GMP+ -feed	Yes	Yes
OHSAS18001	-	Yes
ESAD	Yes	Yes
other	-	AEO