

TECHNICAL DATA SHEET

Effective date: 11.2020

Alum Powder

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Potassium alum
Chemical formula	$KAl(SO_4)_2 \cdot 12H_2O$
Manufacturing process	Alum stone extracted from alunite rock mines, crushed

TECHNICAL DATA

Physical parameters

Appearance	Solid, crystals
Color	White
Odor	Odorless
Molecular weight	474.39 g/mol
pH value (10% aqueous solution)	3 – 3.5
Melting point	92°C
Relative density at 25°C	1.5 – 1.7 g/cm ³
Solubility at 20°C	Soluble in water (110 g/l)

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers, keep dry and avoid humidity.
Shelf Life	5 years, in closed packaging and the recommended conditions.
Custom tariff	-

LEGISLATION

Certification	-
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and

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	2012-232 (ANSES).
Animal testing	This product has not been tested on animals.
EINECS	-
CAS	7784-24-9

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.