



Product Specification

cdhfinechemical.com

ALUMINIUM POTASSIUM SULPHATE DODECAHYDRATE

PRODUCT CODE	H01455
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7784-24-9)
ATOMIC OR MOLECULAR FORMULA	AlK(SO ₄) ₂ .12H ₂ O
ATOMIC OR MOLECULAR WEIGHT	474.38
PROPERTIES	MP - 92°C, loses water at 64.5°C. Noncombustible.
PARAMETER	LIMIT
Description	Colourless/white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	To pass the test.
Minimum assay (Complexometric, Dried basis)	99.0%
pH (of 5% solution)	3.0 - 3.5
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying	43 – 46%
Iron (Fe)	0.01%
Heavy metals (as Pb)	0.002%
Ammonium (NH ₄)	0.2%
Note(s) : Assay (if applicable) method mentioned..	
WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention : ----- Response : ---	
IMDG Code : -- UN No. : -- IATA : --	
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	
Hazard Pictogram(s) :	