

Product data

AluPAL

Potassium Aluminate 48%

Product Description	Possibilities of application	Physical / Chemical Analysis
<p>Potassium Aluminate (AluPAL) is a solution of $K_2Al_2O_4$.</p> <p>Potassium Aluminate Solution is of high purity.</p> <p>AluPAL is a transparent yellowish liquid. The product does not contain stabilizer which means that the colour can change to red-/brownish.</p> <p>AluPAL is produced by reacting alumina hydroxide with potassium hydroxide. Our unique manufacturing process produces a material that is free of precipitates. This means that AluPAL is stable over a wider range of handling and storage conditions.</p> <p>Shelf life is 3 months.</p>	<p>Production of catalysts Pharmaceutical industry Pigment industry</p> <p>Precautions</p> <p>AluPAL can degrade aluminium, copper, brass, chromium and electroplated items. Pumps and the like should be made of artificial material, iron or steel.</p> <p>AluPAL must not come in contact with water before processing because of risk of precipitation.</p> <p>Never apply air pressure to delivery containers or storage tanks, because air in the product can make it precipitate.</p> <p>Read the Safety Data Sheet (SDS) before using the product.</p>	<p>CAS no.: 12003-63-3</p> <p>Al / K-content: (analysed by fully automatic titration) Al_2O_3: 21.8 ^{W/w} % ± 1.0 K_2O: 27.1 ^{W/w} % ± 1.0</p> <p>Appearance: Transparent yellowish liquid</p> <p>Bulk density (20 °C): 1.54 kg/l ± 0.02 pH (20 °C): 12.5 ± 1</p> <p>Iron (Fe) <50 ppm</p> <p>Antimony (Sb) 0.0006 mg/kg Arsenic (As) 0.24 mg/kg Cadmium (Cd) 0.0003 mg/kg Chromium (Cr) 1.5 mg/kg Cobalt (Co) 0.0003 mg/kg Copper (Cu) 8.9 mg/kg Lead (Pb) 0.43 mg/kg Mercury (Hg) 0.00003 mg/kg Nickel (Ni) 0.11 mg/kg Selenium (Se) 0.039 mg/kg Zinc (Zn) 0.13 mg/kg</p> <p>Viscosity: 8 °C 60 cP 16 °C 47 cP 25 °C 35 cP 50 °C 18 cP 80 °C 12 cP</p>