

Product data

AluSAL
Sodium Aluminate 44%

Product Description	Possibilities of application	Physical / Chemical Analysis
<p>44 % Sodium Aluminate also known as AluSAL is a solution of Na₂Al₂O₄ with a Na₂O/Al₂O₃ Mole Ratio of typically 1.3.</p>	<p>Water treatment Wastewater treatment Paper production Pigment industry Production of catalysts Pharmaceutical industry</p>	<p>CAS no.: 1302-42-7</p> <p>Al / Na-content: (analysed by fully automatic titration) Al₂O₃: 24.0 ± 0.5 W/w % Na₂O: 19.5 ± 0.5 W/w %</p>
<p>AluSAL is an economical source of high reactive aluminium of high purity.</p>	<p>Precautions</p>	<p>Appearance: Transparent Bulk density (20 °C): 1.53 ± 0.02 kg/l pH (20 °C): 13 ± 1</p>
<p>AluSAL is a transparent yellowish to red brown liquid. The colour can change because the product is without stabilizer.</p>	<p>AluSAL can degrade aluminium, copper, brass, chromium and electroplated items. Pumps and the like should be made of artificial material, iron or steel.</p>	<p>Iron (Fe) <50 mg/kg</p>
<p>AluSAL is produced by reacting alumina hydroxide with sodium hydroxide. Our unique manufacturing process produces a material that is free of precipitates.</p>	<p>AluSAL must not meet water before processing because of risk of precipitation.</p>	<p>Heavy metals (≤): Antimony (Sb) 0.020 mg/kg Arsenic (As) 0.012 mg/kg Cadmium(Cd) 0.0027 mg/kg Chromium (Cr) 0.0072 mg/kg Cobalt (Co) 0.0011 mg/kg Copper (Cu) 0.33 mg/kg Lead (Pb) 0.035 mg/kg Mercury (Hg) 0.00056 mg/kg Nickel (Ni) 0.022 mg/kg Selenium (Se) 0.0035 mg/kg Zinc (Zn) 1.2 mg/kg</p>
<p>The shelf life is 3 months. After that time precipitates can occur.</p>	<p>Never apply air pressure to delivery containers or storage tanks, because air in the product can make it precipitate.</p>	<p>Viscosity: 8 °C 630 cP 16 °C 190 cP 25 °C 120 cP 50 °C 30 cP 80 °C 16 cP</p>
	<p>Read the Safety Data Sheet (SDS) before using the product.</p>	