

# Technical Data Sheet

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## ALUMINIUM SULFATE SOLUTION



**FORMULA:**  $\text{Al}_2(\text{SO}_4)_3$  dissolved in water

**PRODUCT NAME:** Aluminium Sulfate Solution

**CLASSIFICATION:** inorganic salt

**PARAMETERS:**

ALUMINIUM SULFATE SOLUTION	
Standard	SR EN 878/2004
Aspect	Lightly yellow liquid
pH	2,5-3.5
Useful substance	min. 7,5 % $\text{Al}_2\text{O}_3$ min. 39.7 g Al/Kg product
Free acidity( $\text{H}_2\text{SO}_4$ )	max. 0,5 % max. 62g/kg Al
Water insoluble substances	max. 0,20 %
Iron (Fe)	max.0,01% max. 1.26g/kg Al
Arsen (As)	$1,1 \times 10^{-4}$ - $8,1 \times 10^{-4}$ % 14 - 100 mg/kg Al
Heavy Metals (Cd+Cr+Mg+Ni+Pb+Sb+Se)	$1,1 \times 10^{-3}$ - $25 \times 10^{-3}$ % 137- 3160mg/kg Al
Density	min 1,3 g / $\text{cm}^3$ at 20° C
Cristallization point	- 7° C
Freezing point	-15° C

**USES:**

- Drinking water treatment
- Waste water treatment
- Paper industry
- Leather industry
- For waterproofing concrete

**DELIVERY METHOD:** IBC Containert or autotank.

**VALIDITY PERIOD:** 12 months at the recommended storage methods:

**STORAGE AND HANDLING:** storage materials: PP, HDPE, stainless steel, rubber lined steel, plastic with fiberglass. Close tight against evaporation. Storage temperature: 0° -40° C.

**SAFETY INSTRUCTIONS:** please review our Material Safety Data Sheet for safety instructions.