

Aluminum Chloride Solution

AlCl₃ • 6 H₂O

Aluminum Chloride Solution 32° Baumé

Product Bulletin

Aluminum Chloride Solution is water-white to clear in appearance. It has been certified by the National Sanitation Foundation (NSF) for use in the treatment of drinking water at a maximum dosage of 250 mg/L.

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Technical Data	Typical Properties
Assay (as available water soluble %AlCl ₃):	27.1 – 29.4%
Assay (as available water soluble %Al ₂ O ₃):	10.4 – 11.2%
CAS Number	7784-13-6
CAS Index Name	Aluminum chloride hexahydrate
Grade	Technical
Molecular Weight	241.43
Specific Gravity (at 20°C)	1.270 - 1.300
Free Acidity or Basicity (%)	1.0 % max.
Color	Colorless
Appearance	Clear
pH as is:	less than 1.0
Freezing Point (crystallization):	-31°F
Insoluble Matter	0.05 % max.
Iron (ppm as Fe):	0.5 ppm max.



Certified to NSF/ANSI 60

MUL = 250 mg/L

Uses

Water Treatment: In the treatment of water and wastewater.

Pulp and Paper: In the manufacture of paper.

Containers:

- ◆ 23-ton net weight Tank Trucks
- ◆ 54-ton 96-ton net weight Tank Cars
- ◆ 2925-pound Totes
- ◆ 570-pound Drums
- ◆ 50-pound Pails

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