



Product Specification

Product Name: ALUMINIUM CHLORIDE Anhydrous LR

Alternate Name(s) Aluminium trichloride

Description

White or yellowish crystals or powder. Strong, pungent odour of hydrogen chloride.

Properties

Chemical Formula: $AlCl_3$

Molecular Weight: 133.34

Product Code: AL058

CAS No. 7446-70-0

General Information:

Soluble in water. Freely soluble in benzophenone, benzene, nitrobenzene, carbon tetrachloride and chloroform. Non combustible material - Water reactive.

Hazard and Safety Data

UN Group: II
Class: 8
UN Number: 1726
Hazchem code: 4X
CS MSDS Code: 1CHBG
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 40

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Iron (Fe)	≤0.05%
Heavy metals (as Pb)	≤0.005%
Sulfate (SO ₄)	≤ 0.05%

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