

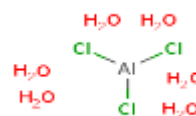


Product Specification

cdhfinechemical.com

ALUMINIUM CHLORIDE HEXAHYDRATE PURIFIED

PRODUCT CODE	005025
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7784-13-6)
ATOMIC OR MOLECULAR FORMULA	AlCl ₃ .6H ₂ O
ATOMIC OR MOLECULAR WEIGHT	241.43
PROPERTIES	Soluble in water and alcohol;The water solution is acid.



PARAMETER	LIMIT
Description	White to off white or slightly yellow deliquescent crystals/crystalline powder.
Solubility	Soluble in water.
Minimum assay	97.0-101.0%
pH (of 5% solution in water)	2.5 – 3.5

MAXIMUM LIMIT OF IMPURITIES

Sulphate (SO ₄)	0.01%
Heavy metals (as Pb)	0.005%
Iron (Fe)	0.005%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

IMDG Code : --

UN No. : --

IATA : --

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07

Replace Date 02-Sep-2025