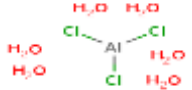


ALUMINIUM CHLORIDE HEXAHYDRATE AR MEET BP, USP, PH. EUR.

| | | |
|--|---|---|
| PRODUCT CODE | 454195 | |
| SYNONYMS | --- | |
| C.I. NO. | --- | |
| CASR NO. | (7784-13-6) | |
| ATOMIC OR MOLECULAR FORMULA | $\text{AlCl}_3 \cdot 6\text{H}_2\text{O}$ |  |
| 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. | |
| Identification | Passes test. | |
| Assay (Complexometric) | 97.0 – 102% | |
| Appearance of solution | Passes test. | |
| pH (of 5% soln.in water) | 2.5 – 3.5 | |
| MAXIMUM LIMIT OF IMPURITIES | | |
| Water (By KF) | 42 – 48% | |
| Alkali & alkaline earth metals | 0.5% | |
| Ammonium (NH_4) | 0.01% | |
| Sulphate (SO_4) | 0.01% | |
| Arsenic (As) | 0.0004% | |
| Calcium (Ca) | 0.02% | |
| Iron (Fe) | 0.001% | |
| Heavy metals (as Pb) | 0.001% | |
| Magnesium (Mg) | 0.01% | |
| Potassium (K) | 0.01% | |
| Sodium (Na) | 0.1% | |
| Residual solvents | Passes test. | |
| Note(s) : Assay (if applicable) method mentioned. | | |
| WARNING Hazard statements : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse 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 1 Og should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company. | | IMDG Code : UN No. : IATA : |



Product Specification

cdhfinechemical.com

Hazard pictogram(s) :



GHS07

Replace Date : 12-Dec-2025