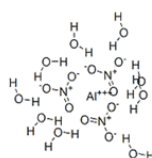





# Product Specification

cdhfinechemical.com

## ALUMINIUM NITRATE NONAHYDRATE CRYST.

PRODUCT CODE	027079
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7784-27-2)
ATOMIC OR MOLECULAR FORMULA	Al(NO <sub>3</sub> ) <sub>3</sub> .9H <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	375.13
PROPERTIES	Decomposes in hot water. Soluble in alcohol and acetone. Mp 73°C.
	
PARAMETER	LIMIT
Description	Colourless deliquescent crystals / crystalline powder.
Solubility	100mg soluble in 1ml of water.
Minimum assay (Complexometric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Sulphate (SO <sub>4</sub> )	0.01%
Iron (Fe)	0.02%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>Hazard statements:</b> Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates. <b>Precautionary statements</b> <b>Prevention:</b> Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.	IMDG Code : 5.1/III UN No. : 1438 IATA : 5.1
<b>Disposal:---</b>	
Hazard Pictogram(s) :--  GHS05	

Replace Date 22-April-2025