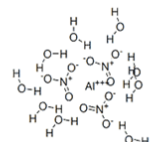



ALUMINIUM NITRATE NONAHYDRATE AR/ACS

PRODUCT CODE	454285	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7784-27-2)	
ATOMIC OR MOLECULAR FORMULA	Al(NO₃)₃.9H₂O	
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)	98.5%	
pH (of 5% soln.in water)	2 - 4	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.005%	
Ammonium (NH ₄)	0.02%	
Chloride (Cl)	0.001%	
Sulphate (SO ₄)	0.005%	
Copper (Cu)	0.001%	
Iron (Fe)	0.002%	
Lead (Pb)	0.001%	
Potassium (K)	0.002%	
Sodium (Na)	0.005%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER Hazard statements: Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates. Precautionary statements Prevention: 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. Response: 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
Disposal:---		
Hazard Pictogram(s) :-- <div style="text-align: center;">  GHS05 </div>		

Replace Date 22-April-2025