

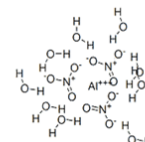


Product Specification

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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	10% solution in water is clear and colourless
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.

<p>DANGER</p> <p>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.</p> <p>Precautionary statements</p> <p>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.</p> <p>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.</p>	<p>IMDG Code : 5.1/III</p> <p>UN No. : 1438</p> <p>IATA : 5.1</p>
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<p>Disposal:---</p> <p>Hazard Pictogram(s) :-</p> <div style="text-align: center;"> <p>GHS05</p> </div>

Replace Date 11-Aug.-2018