



SDFCL
s d fine-chem limited

Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\ID\PS\37073XPS.xls
PRODUCT CODE	37073
PRODUCT NAME	ALUMINIUM CHLORIDE ANHYDROUS LR (GRANULAR) (for synthesis)
SYNONYMS	---
C.I. NO.	---
CASR NO.	(7446-70-0)
ATOMIC OR MOLECULAR FORMULA	AlCl ₃
ATOMIC OR MOLECULAR WEIGHT	133.34
PROPERTIES	Highly hygroscopic; Moisture sensitive; The vapour consists of double molecules Al ₂ Cl ₆



PARAMETER	LIMIT
Description	White or yellow uniform granules, (fuming in air, with a strong odour of hydrochloric acid.)
Solubility	3.3% solution in water is clear.
Minimum Assay (Argentometric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.05%

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

DANGER

Hazard statements : Harmful if swallowed. May damage fertility. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Response: IF 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. IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Collect spillage.

IMDG Code : 8/II
UN No. : 1726
IATA : 8

Disposal: Add a little at a time (2 to 5 gm) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste.

Hazard Pictogram(s) :



Aspiration hazard



Corrosive to metals



Aquatic environment

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
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