



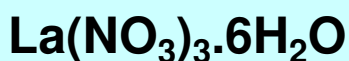
SDFCL
s d fine-CHEM limited
Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\ID\PS\20412XPS.xls
PRODUCT CODE	20412
PRODUCT NAME	LANTHANUM (III) NITRATE HEXAHYDRATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10277-43-7)
ATOMIC OR MOLECULAR FORMULA	La(NO ₃) ₃ .6H ₂ O
ATOMIC OR MOLECULAR WEIGHT	433.02
PROPERTIES	Hygroscopic, melting point ~ 40°C, at higher temp forms a basic salt.



PARAMETER	LIMIT
Description	White to pale yellow crystalline powder.
Solubility	5 % solution in water is clear.
Minimum Assay (Complexometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride(Cl)	0.005%
Sulphate(SO ₄)	0.005%
Calcium(Ca)	0.005%
Copper (Cu)	0.0005%
Iron (Fe)	0.002%
Heavy Metals (Pb)	0.001%

Note(s) : 1) Assay (if applicable) method mentioned.

2) Storage Temp : Store below 30°C.

DANGER

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation

Precautionary statements

Prevention : Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response : If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code : 5.1/II

UN No. : 1477

IATA : 5.1

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :--



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO.: 1554

