



SDFCL
s d fine-CHEM limited

Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\D:\PS\20374XPS.xls
PRODUCT CODE	20374
PRODUCT NAME	LITHIUM CHLORIDE AR,ACS
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7447-41-8)
ATOMIC OR MOLECULAR FORMULA	LiCl
ATOMIC OR MOLECULAR WEIGHT	42.39
PROPERTIES	Hygroscopic. Not to be used as dietary salt substitute.

LiCl

PARAMETER	LIMIT
Description	A white granular powder / powder.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (Argentimetric)	99.0%
pH (of 5% Solution in water)	5 - 7
Loss on drying	Max. 1.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Titration base	0.008 meq /g
Nitrate (NO ₃)	0.001%
Sulphate (SO ₄)	0.005%
Barium (Ba)	0.002%
Calcium (Ca)	0.005%
Heavy metal (as Pb)	0.002%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.005%
Potassium (K)	0.01%
Sodium (Na)	0.2%

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

DANGER

Hazard statements: Harmful if swallowed. Causes skin irritation. Causes eye irritation. May damage the unborn child

Precautionary statements

Prevention: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling

Response: 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 attention advice. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice /attention. Remove /Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse

IMDG Code :--

UN No. :--

IATA :--

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



Skin irritation



Aspiration hazard

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.: 03
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