



SDFCL
s d fine-CHEM LIMITED
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\37608XPS.xls
PRODUCT CODE	37608
PRODUCT NAME	TRI-CALCIUM PHOSPHATE LR
SYNONYMS	(Calcium orthophosphate precipitated)
C.I. NO.	--
CASR NO.	(7758-87-4)
ATOMIC OR MOLECULAR FORMULA	Ca ₃ (PO ₄) ₂
ATOMIC OR MOLECULAR WEIGHT	310.18
PROPERTIES	Soluble in acids, insoluble in water, alcohol and acetic acid. Nonflammable.



PARAMETER	LIMIT
Description	White amorphous powder.
Solubility	Practically insoluble in water. Soluble in dilute HCl and dilute nitric acid.
Minimum Assay (Complexometric)	90.0%
Loss on ignition (at 800°C)	Max. 8.0%
Particle size (Passing through 230 mesh)	~ 98%
Water (H ₂ O)	Max.2.5%
MAXIMUM LIMIT OF IMPURITIES	
Substance Insoluble in HCl	0.1%
Carbonate (as CO ₂)	Passes test.
Chloride (Cl)	0.1%
Sulphate (SO ₄)	0.5%
Arsenic (As)	0.0002%
Iron (Fe)	0.04%
Lead (Pb)	0.003%

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

WARNING

Hazard statements: Toxic to aquatic life. Harmful to life in the soil.

Precautionary statements

Prevention: ----

Response: -----

IMDG Code :
UN No. :
IATA :

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

Hazard Pictogram(s) :



Aquatic environment

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

