



SDFCL
s d fine-CHEM LIMITED

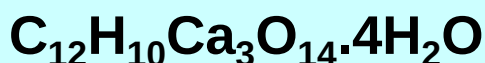
Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\ID:IPSI\37590XPS.xls
PRODUCT CODE	37590
PRODUCT NAME	CALCIUM CITRATE TRIBASIC TETRAHYDRATE EXTRAPURE
SYNONYMS	(tri-Calcium dicitrate tetrahydrate),(Tri-calcium citrate)
C.I. NO.	--
CASR NO.	(813-94-5)
ATOMIC OR MOLECULAR FORMULA	$C_{12}H_{10}Ca_3O_{14} \cdot 4H_2O$
ATOMIC OR MOLECULAR WEIGHT	570.49
PROPERTIES	---



PARAMETER	LIMIT
Description	A white powder or granular form.
Solubility	Freely soluble in 3N HCl & in 2N HNO ₃
Identification (As per FCC)	Passes test
Assay (on dried subs.)	97.5 – 100.5%
Loss on drying (4 hr. at 150°C)	10.0 – 14.0%
MAXIMUM LIMIT OF IMPURITIES	
Acid insolubles	0.20%
Fluoride (F)	0.003%
Heavy metals (as Pb)	0.002%
Arsenic (As)	0.0003%
Lead (Pb)	0.001%

HAZARD

WARNING

Causes skin irritation.Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

Prevention:Wash ... thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response:IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.Take off contaminated clothing and wash before re- use.

IMDG Code :--

UN No. :--

IATA :--

Hazard(s) :--



Skin irritation

Prepared By :	Checked By:	Approved By:	Issue Date : 12.12.2007
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Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
Sign. :	Sign. :	Sign. :	Revision dt. :25.03.2015
Date : 14.03.2015	Date : 14.03.2015	Date : 25.03.2015	AMEND NO. :1672