



SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\37579XPS.xls
PRODUCT CODE	37579
PRODUCT NAME	CALCIUM CARBONATE SPECIAL ((Meets the analytical specification of IP,BP,Ph.Eur ,FCC))
SYNONYMS	Carbonic acid calcium salt.
C.I. NO.	--
CASR NO.	(471-34-1)
ATOMIC OR MOLECULAR FORMULA	CaCO ₃
ATOMIC OR MOLECULAR WEIGHT	100.09
PROPERTIES	Noncombustible, soluble in acids with evolution of carbon dioxide.

CaCO₃

PARAMETER	LIMIT
Description	A fine, white or colourless microcrystalline powder.
Solubility	Practically insoluble in water; Solution in dilute hydrochloric acid.
Identification	Passes test.
Assay (Complexometric; after drying).	98.5 - 100.5%
Loss on drying (at 200°C, for 4 hrs.)	Max. 2.0%
MAXIMUM LIMIT OF IMPURITIES	
Substance insoluble in HCl	0.2%
Substance insoluble in acetic acid	0.2%
Chloride (Cl)	0.025%
Fluoride	0.005%
Sulphate (SO ₄)	0.25%
Arsenic (As)	0.0003%
Barium (Ba)	Passes test.
Iron (Fe)	0.02%
Lead (Pb)	0.0003%
Heavy metals (as Pb)	0.002%
Magnesium & alkali salts	1.0%

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

WARNING

Hazard statements: Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling.

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

IMDG Code :

UN No. :

IATA :

Disposal: ----

Hazard Pictogram(s) :



Skin irritation

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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