



SDFCL
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID:\PS\37387XPS.xls
PRODUCT CODE	37387
PRODUCT NAME	BISMUTH CARBONATE BASIC LR
SYNONYMS	(Bismuth oxycarbonate; Bismuth subcarbonate)
C.I. NO.	--
CASR NO.	(5892-10-4)
ATOMIC OR MOLECULAR FORMULA	Bi_2CO_5
ATOMIC OR MOLECULAR WEIGHT	510.0
PROPERTIES	Insoluble in water and alcohol. soluble in nitric acid or hydrochloric acid with effervescence.



PARAMETER	LIMIT
Description	White to pale yellowish white fine powder.
Solubility	10% solution in dilute HCl is clear and almost colourless to very pale yellow colour solution.
Assay (Complexometric; as Bi)	80.0 – 82.0%
Loss on drying (at 105°C)	Max. 1.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride	0.05%

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

HAZARD

Hazard statements : Toxic to aquatic life

Precautionary statements

Prevention : Avoid release to the environment.

Response : ---

IMDG Code : --

UN No. : --

IATA : --

Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard(s) :--

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. : 04
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