



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\ID\PS\37413XPS.xls		
PRODUCT CODE	37413		
PRODUCT NAME	BORON CARBIDE 90 MESH		
SYNONYMS	--		
C.I. NO.	--		
CASR NO.	(12069-32-8)		
ATOMIC OR MOLECULAR FORMULA	B ₄ C		
ATOMIC OR MOLECULAR WEIGHT	55.26		
PROPERTIES	Soluble in fused alkali, insoluble in water and acids. High capture cross section for thermal neutrons.		
B₄C			
PARAMETER	LIMIT		
Description	Black coloured fine powder.		
Solubility	Insoluble in water, methanol, dilute acids and dilute ammonia solutions.		
Minimum Assay Alkalimetry)	(98.0%		
Particles size (passing through 90 mesh)	Min. 90.0%		
MAXIMUM LIMIT OF IMPURITIES			
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Note(s) : Assay (if applicable) method mentioned.			
WARNING Hazard statements: May cause respiratory irritation. Precautionary statements Prevention: ----- Response: -----	IMDG Code :-- UN No. :-- IATA :--		
Disposal: -----			
Hazard Pictogram(s) :  Skin irritation			
Prepared By : Name/Dept. : Officer (Q.A.) Sign. : Date : 01.04.2010	Checked By: Name/Dept.:Incharge(Q.A.) Sign. : Date : 01.04.2010	Approved By: Name/Dept. : Incharge (Tech.) Sign. : Date : 02.04.2010	Issue Date : 01.07.2002 Revision No.: 02 Revision dt. :02.04.2010 AMEND NO. :1554

