



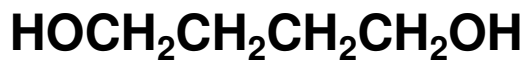
**SDFCL**  
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\37497XPS.xls
PRODUCT CODE	37497
PRODUCT NAME	1,4-BUTANEDIOL LR (For Synthesis)
SYNONYMS	1,4-Buthyleneglycol, Tetramethylene glycol
C.I. NO.	N/A
CASR NO.	110-63-4
ATOMIC OR MOLECULAR FORMULA	C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	90.12
PROPERTIES	



PARAMETER	LIMIT
Description	Clear & colourless liquid
Solubility	5% in water is clear & colourless solution.
Identification (By FTIR)	Passes test.
Minimum assay (By GC)	99.0%
Wt. per ml at 20 °C	1.015 – 1.016 g
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.445 – 1.446
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Water	0.3%

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

<p><b>WARNING</b> <b>HAZARD STATEMENT</b> : May cause respiratory irritation. Harmful if swallowed. Causes mild skin irritation. <b>PRECAUTIONARY STATEMENTS</b> <b>Prevention</b> : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. <b>Response</b> : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, seek medical . advice/attention. Specific treatment: refer to Label or MSDS. <b>Disposal</b> : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scubber.</p>	<p>IMDG Code : --- UN No. : --- IATA : ---</p>
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Hazard pictogram(s) :



**Skin irritation**

Prepared By : DINESH Name/Dept. : Officer (Q.A.) Sign. : Date : 07/08/2010	Checked By: RAJU VYAS Name/Dept. :Incharge(Q.A.) Sign. : Date : 07/08/2010	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. : Date : 09/08/2010	Issue Date : 24/11/2005 Revision No. : 01 Revision dt. : 09/08/2010 AMEND NO. : P062
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