



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:\PS\25007XPS.xls
PRODUCT CODE	25007
PRODUCT NAME	BUTAN-1-OL FOR HPLC & SPECTROSCOPY
SYNONYMS	n-Butyl alcohol
C.I. NO.	N/A
CASR NO.	71- 36- 3
ATOMIC OR MOLECULAR FORMULA	(CH ₃)(CH ₂) ₃ OH
ATOMIC OR MOLECULAR WEIGHT	74.12
PROPERTIES	



PARAMETER	LIMIT
Description	A clear & colourless liquid.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming clear & colourless solution.
Minimum assay (By GC)	99.7%
Wt. per ml at 20°C	0.808 - 0.810 g
Refractive Index (n) _D ²⁰	1.399 - 1.400
Boiling Point	117.2°C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.1%
Acidity (CH ₃ COOH)	0.002%
Non volatile matter	0.001%
Maximum absorbance in a 1.0 cm cell at :	
215 nm (UV CUT OFF)	1.0
240 nm	0.1
275 nm	0.01
Note(s) : Assay (if applicable) method mentioned.	

DANGER HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour . Harmful if inhaled. Harmful if swallowed Causes skin irritation. Causes serious eye damage . PRECAUTIONARY STATEMENTS : Prevention : Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Wash hands thoroughly after handling. Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/lighting/equipment Take precautionary measures against static discharge. Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Wear eye/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If eye irritation persists, get medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. In case of fire, use alcohol-type foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If skin irritation occurs, seek medical advice/attention. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing Call a POISON CENTER or doctor/physician if you feel unwell. Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.	IMDG Code :----- UN No. :----- IATA :-----
--	---

Hazard pictogram(s) :



Flammable liquids Corrosive to metals



Flammable liquids



Corrosive to metals

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 12/08/2010
Date : 10/08/2010	Date : 10/08/2010	Date : 12/08/2010	AMEND NO. : P062