



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\20316XPS.xls
PRODUCT CODE	20316
PRODUCT NAME	BUTAN-2-OL AR
SYNONYMS	2-Butanol, Sec Butyl alcohol
C.I. NO.	N/A
CASR NO.	78-92-2
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₀ O
ATOMIC OR MOLECULAR WEIGHT	74.12
PROPERTIES	



PARAMETER	LIMIT
Description	A clear colourless liquid NMT 10 Hazen units colour, with a characteristic odour.
Solubility	Miscible with alcohol forming clear & colourless solution.
Minimum assay (By GC)	99.5%
Wt. per ml at 20°C	About 0.807 g
MAXIMUM LIMIT OF IMPURITIES	
Water	0.1%
Acidity	0.0005 meq/gm
Alkalinity	0.0002 meq/gm
Non-volatile matter	0.001%
Butanone	0.1%
Propan-2-ol	0.2%
Di-n-butyl ether	0.2%
2-Methyl propan-2-ol	0.1%
Aluminium (Al)	0.00005%
Barium (Ba)	0.00001%
Cadmium (Cd)	0.000005%
Calcium (Ca)	0.00005%
Chromium (Cr)	0.000002%
Cobalt (Co)	0.000002%
Copper (Cu)	0.000002%
Iron (Fe)	0.00001%
Lead (Pb)	0.00001%
Magnesium (Mg)	0.00001%
Manganese (Mn)	0.000002%
Nickel (Ni)	0.000002%
Tin (Sn)	0.00001%
Zinc (Zn)	0.00001%

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

WARNING

HAZARD STATEMENTS : May cause respiratory irritation Flammable liquid and vapour Harmful if inhaled May be harmful if swallowed Causes mild skin irritation Causes serious eye irritation.

IMDG Code : 3/II
UN No. : 1120
IATA : 3

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Wear protective gloves and eye/face protection. Use explosion-proof electrical/ventilating/lighting/equipment .

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If eye irritation persists, get medical advice/attention. Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. 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. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal : ---

Hazard pictogram(s) :



Skin irritation



Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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