



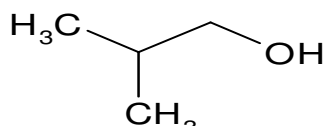
SDFCL
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\37505XPS.xls
PRODUCT CODE	37505
PRODUCT NAME	2-METHYLPROPAN-1-OL LR (for synthesis)
SYNONYMS	Iso Butyl alcohol , Iso butanol
C.I. NO.	N/A
CASR NO.	78-83-1
ATOMIC OR MOLECULAR FORMULA	(CH ₃) ₂ CH.CH ₂ OH
ATOMIC OR MOLECULAR WEIGHT	74.12
PROPERTIES	



PARAMETER	LIMIT
Description	A clear liquid with a characteristic odour, not more than 10 Hazen units in colour.
Solubility	5% Solution in water is clear and colourless.
Minimum assay(By GC)	99.0%
Wt.per ml at 20 °C	0.801 - 0.804 g
Boiling Range (105 - 109 °C)	Min. 95.0%
MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.005%
Water (H ₂ O)	0.4%

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

DANGER

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

PRECAUTIONARY STATEMENTS :

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

Response : Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. 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. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Remove/Take off immediately all contaminated clothing.

IMDG Code : 3/III
UN No. : 1212
IATA : 3

Disposal : ---

Hazard pictogram(s) :



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. : 16/08/2010

Date : 14/08/2010	Date : 14/08/2010	Date : 16/08/2010	AMEND NO. : P062
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