



ISO BUTANOL FOR SYNTHESIS

PRODUCTCODE	R01719	
SYNONYMS	IsoButylalcohol,Isobutanol	
C.I. NO.	N/A	
CASR NO.	78-83-1	
ATOMICORMOLECULARFORMULA	(CH ₃) ₂ CH.CH ₂ OH	
ATOMICORMOLECULARWEIGHT	74.12	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Aclearliquidwithacharacteristic odour,notmorethan10Hazenunitsin colour.	
Solubility	5%Solutioninwaterisclearandcolourless.	
Minimumassay(ByGC)	99.0%	
Wt.permlat20°C	0.801-0.804 g	
BoilingRange(105-109°C)	Min.95.0%	
MAXIMUMLIMITOFIMPURITIES		
Nonvolatilematter	0.005%	
Water (H ₂ O)	0.4%	
Note(s):Assay(ifapplicable)methodmentioned.		
DANGER HAZARDSTATEMENTS: Maycauserespiratoryirritation.Flammableliquidandvapour.Harmfulinhaled.Maybe harmful if swallowed. Causes skin irritation. Causes serious eye damage. PRECAUTIONARYSTATEMENTS: 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.Useexplosion-proofelectrical/ventilating/lighting/equipment.Keepawayfromheat/sparks/openflame- No smoking. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightlyclosed Response: ImmediatelycallaPOISONCENTERordractor/physician.IFINHALED:Removetofreshairandkeepatrestina 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. IFSWALLOWED: 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 withwater/shower.Incaseoffire,usefoamforextinction.Wash/Decontaminateremovedclothingbeforeuse.IFON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.Remove/Takeoffimmediatelyallcontaminatedclothing		IMDG Code :3/III UNNo. 1212 IATA :3
Disposal: -----		
HazardPictogram(s):		
GHS02 GHS05 GHS07		

Replace Date 1 April 2023