



## ISO BUTANOL AR/ACS

<b>PRODUCT CODE</b>	<b>R04611</b>	
<b>SYNONYMS</b>	(Iso Butyl Alcohol)	
<b>C.I. NO.</b>	N/A	
<b>CASR NO.</b>	78- 83- 1	
<b>ATOMIC OR MOLECULAR FORMULA</b>	(CH <sub>3</sub> ) <sub>2</sub> CH.CH <sub>2</sub> OH	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	74.12	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
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%	
Boiling Range	106°C to 109°C	
Wt. per ml at 20°C	0.801 - 0.802 g	
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.395 - 1.396	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Water Insoluble matter	Passes test.	
Water (H <sub>2</sub> O)	0.2%	
Non volatile matter	0.002%	
Iron (Fe)	0.0001%	
Lead (Pb)	0.0001%	
Copper (Cu)	0.0001%	
Acidity (CH <sub>3</sub> COOH)	0.002%	
Aldehyde & Ketone (C <sub>3</sub> H <sub>7</sub> CHO)	0.015%	
<b>Note(s): Assay (if applicable) method mentioned.</b>		
<b>DANGER</b> <b>HAZARD STATEMENTS</b> : May cause respiratory irritation. Flammable liquid and vapour. Harmful if inhaled. May be harmful if swallowed. Causes skin irritation. Causes serious eye damage. <b>PRECAUTIONARY STATEMENTS</b> : <b>Prevention</b> : 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 <b>Response</b> : 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:-----		
<b>Hazard Pictogram(s) :</b> <div style="display: flex; justify-content: center; gap: 20px;"> <div style="text-align: center;"> <p>GHS02</p> </div> <div style="text-align: center;"> <p>GHS05</p> </div> <div style="text-align: center;"> <p>GHS07</p> </div> </div>		

Replace Date 1 April 2023