



BUTANONE AR/ACS	
<b>PRODUCT CODE</b>	<b>R04465</b>
<b>SYNONYMS</b>	Butan-2-one, Ethyl Methyl Ketone
<b>C.I. NO.</b>	N/A
<b>CASR NO.</b>	78- 93- 3
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>2</sub> H <sub>5</sub> COCH <sub>3</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	72.11
<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>
Description	A clear liquid, colour not more than 10 Hazen units.
Solubility	Miscible with water & methanol, forming clear and colourless solution.
Minimum assay (By GC)	99.5%
Wt. per ml at 20°C	0.804 - 0.806 g
Boiling Range	79- 80°C
Refractive index (n) <sub>D</sub> <sup>20</sup>	1.377 - 1.379
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Water	0.07%
Non volatile matter	0.002%
Acidity (CH <sub>3</sub> COOH)	0.004%
Copper (Cu)	0.0001%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
<b>Note(s): Assay (if applicable) method mentioned.</b>	
<b>DANGER</b> <b>HAZARD STATEMENTS</b> : May cause respiratory irritation. Highly flammable liquid and vapour. May be harmful ifswallowed. Causes mild skin irritation. Causes serious eye irritation. <b>PRECAUTIONARY STATEMENTS</b> : <b>Prevention</b> : Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands 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. Keep container tightly closed. Wear protective gloves and eye/face protection. <b>Response</b> : 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. IF IN EYES: Rinsecautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use alcohol-type foam for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	IMDG Code : 3/II UN No. 1193 IATA 3
<b>Disposal</b> : 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 andsite of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialistdisposal company.	

Replace Date 1 April 2023

: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: [rehsiffscientific@gmail.com](mailto:rehsiffscientific@gmail.com), [www.rehsiffscientific.com](http://www.rehsiffscientific.com)