

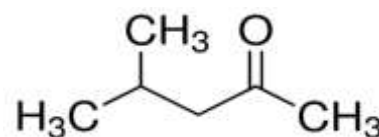


# Product Specification

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## ISO BUTYL METHYL KETONE FOR SYNTHESIS

PRODUCT CODE	125335
SYNONYMS	4-methylpentan-2-one, Methyl Iso Butyl Ketone
C.I. NO.	N/A
CASR NO.	108-10-1
ATOMIC OR MOLECULAR FORMULA	(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	100.16
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear liquid, colour not more than 10 Hazen units.
Solubility	Miscible with ethanol, benzene and diethyl ether.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	0.799 - 0.802 g
Boiling Range	114 - 117°C
Refractive index (n) <sub>D</sub> <sup>20</sup>	1.3946-1.3965

### MAXIMUM LIMIT IMPURITY

Free acid	0.2 ml N%
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**Note(s) : Assay (if applicable) method mentioned.**

### DANGER

**HAZARD STATEMENTS :** May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

### PRECAUTIONARY STATEMENTS :

**Prevention :** Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge.

**Response :** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.

IMDG Code : 3/II  
UN No. : 1245  
IATA : 3

**Disposal: --**

**Hazard Pictogram(s) :--**



GHS02



GHS07

Replace Date 29-May-2023