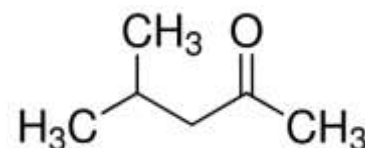


## ISO BUTYL METHYL KETONE FOR HPLC & SPECTROSCOPY

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <b>PRODUCT CODE</b>                | <b>747000</b>                       |
| <b>SYNONYMS</b>                    | <b>4-methylpentan-2-one</b>         |
| <b>C.I. NO.</b>                    | <b>N/A</b>                          |
| <b>CASR NO.</b>                    | <b>108-10-1</b>                     |
| <b>ATOMIC OR MOLECULAR FORMULA</b> | <b>C<sub>6</sub>H<sub>12</sub>O</b> |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>  | <b>100.16</b>                       |
| <b>PROPERTIES</b>                  | --                                  |



| PARAMETER          | LIMIT                                      |
|--------------------|--|
| Description        | Colourless liquid.                         |
| Solubility         | 1.7% soluble in water. Soluble in alcohol. |
| Minimum assay (GC) | 99.5%                                      |

### MAXIMUM LIMIT OF IMPURITIES

|                        |        |
|------------------------|--------|
| Water (KF)             | 0.05%  |
| Residue on Evaporation | 0.001% |
| UV Absorbance 400 nm   | 0.01   |
| UV Absorbance 380 nm   | 0.02   |
| UV Absorbance 360 nm   | 0.15   |
| UV Absorbance 340 nm   | 0.5    |
| UV Absorbance 335 nm   | 1.0    |

**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.

**Disposal:** --

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



GHS02



GHS07

IMDG Code : --  
UN No. : --  
IATA : --