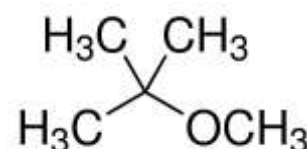


## TERT-BUTYL METHYL ETHER FOR GC-HS GRADE

<b>PRODUCT CODE</b>	<b>712897</b>
<b>SYNONYMS</b>	<b>Methyl tert-Butyl Ether</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>1634-04-4</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>5</sub>H<sub>12</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>88.15</b>
<b>PROPERTIES</b>	<b>Unstable in acid solution.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Clear & colourless liquid.
Solubility	Soluble in alcohol.
Minimum assay (By GC)	99.9%
Wt. per ml at 20°C	0.739-0.740 g
Refractive index (n) <sub>D</sub> <sup>20</sup>	About 1.369
Boiling range	54-56°C

### MAXIMUM LIMIT OF IMPURITY

Water (H <sub>2</sub> O)	0.02%
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**Note(s): Assay (if applicable) method mentioned.**

#### DANGER

**HAZARD STATEMENTS:** May cause respiratory irritation. Highly flammable liquid and vapour. Causes skin irritation. Causes eye irritation.

#### PRECAUTIONARY STATEMENTS :

**Prevention:** Use only non-sparking tools. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Wash thoroughly after handling. Wash hands thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

**Response:** 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. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. 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. Remove/Take off immediately all contaminated clothing.

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code : **3 / II**  
UN No. : 2398  
IATA : 3

**Hazard Pictogram(s) :**



GHS02



GHS07