

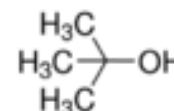


# Product Specification

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## TERT-BUTANOL AR

<b>PRODUCT CODE</b>	<b>470535</b>
<b>SYNONYMS</b>	tert butyl alcohol
<b>C.I. NO.</b>	N/A
<b>CASR NO.</b>	75-65-0
<b>ATOMIC OR MOLECULAR FORMULA</b>	(CH <sub>3</sub> ) <sub>3</sub> COH
<b>ATOMIC OR MOLECULAR WEIGHT</b>	74.12
<b>PROPERTIES</b>	---



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Clear colourless liquid (when melted).
Solubility	Miscible with water and methanol forming clear and colourless solution.
Minimum assay(By GC)	99.0%
Wt. per ml at 30°C	About 0.775 g
Boiling Range	82 - 83°C
Freezing Point	Not less than 25°C
Refractive Index (n) <sub>D</sub> <sup>20</sup>	1.384 - 1.386

### MAXIMUM LIMIT OF IMPURITIES

Water	0.1%
Acidity (CH <sub>3</sub> COOH)	0.003%
Non volatile matter	0.001%
Aldehydes & Ketones (C <sub>3</sub> H <sub>7</sub> CHO)	0.01%
Butan-2-ol (C <sub>4</sub> H <sub>9</sub> (OH))	0.2%
Copper (Cu)	0.00005%
Iron (Fe)	0.00005%
Lead (Pb)	0.00005%

**Note(s) : 1] Assay (if applicable) method mentioned.**

#### WARNING

**HAZARD STATEMENTS** : May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.

#### PRECAUTIONARY STATEMENTS :

**Prevention** : Ground/bond container and receiving equipment. Use only nonsparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. 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 eye irritation persists, get medical advice/attention. 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. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.

**Disposal** : 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 and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

Hazard Pictogram(s) :

IMDG Code : 3/II  
UN No. : 1120  
IATA : 3



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GHS02



GHS07

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