



## ISO BUTYL BUTYRATE FOR SYNTHESIS

**PRODUCTCODE** R09045

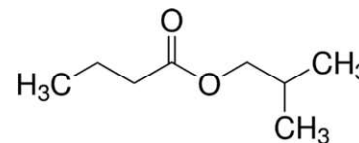
**SYNONYMS** --

**C.I. NO.** --

**CASR NO.** (539-90-2)

**ATOMICFORMOLECULARFORMULA** C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>

**ATOMICFORMOLECULARWEIGHT** 144.21



**PROPERTIES** --

**PARAMETER** **LIMIT**

Description Colourlessliquid.

Solubility 12.5% solution in 60% ethyl alcohol is clear and colourless.

Minimum assay (GC) 98.0%

Refractive index (n)<sub>D</sub><sup>20</sup> 1.402 – 1.405

Wt. per ml at 20°C 0.858 – 0.863

### MAXIMUM LIMIT OF IMPURITIES

Acid value 1.0 ml

Arsenic (As) 0.0003%

Cadmium (Cd) 0.0001%

Mercury (Hg) 0.0001%

Lead (Pb) 0.001%

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

### DANGER:

**Response:** IF SWALLOWED: 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.

**HAZARD STATEMENTS:** Highly flammable liquid and vapour. May be harmful if swallowed.

### PRECAUTIONARY STATEMENTS:

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

**Disposal:** -----

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

IMDG Code: -3/III

UN No. :-3272

IATA :-3



GHS02

Replace Date 1 April 2023

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