



## ETHYL ACETATE FOR SYNTHESIS

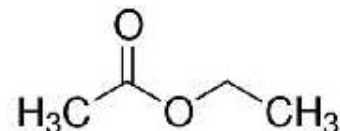
**PRODUCT CODE** R01188

**SYNONYMS** N/A

**C.I. NO.** N/A

**CASR NO.** 141-78-6

**ATOMIC OR MOLECULAR FORMULA** C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>
**ATOMIC OR MOLECULAR WEIGHT** 88.11

**PROPERTIES** --

**PARAMETER** **LIMIT**

Description A clear liquid, not more than 10 Hazen units in colour, with characteristic odour.

Solubility Miscible with absolute industrial methylated spirit &amp; with diethyl ether forming a clear colourless solution.

Minimum assay (GC) 99.0%

Wt. per ml at 20°C 0.899 - 0.901 g

 Refractive Index(n)<sub>20</sub> 1.372-1.373

D Boiling Range (76 - 78°C) Min. 95.0%

**MAXIMUM LIMIT OF IMPURITIES**

 Acidity (CH<sub>3</sub>COOH) 0.05%

Non volatile matter 0.005%

**Note(s) : Assay (if applicable) method mentioned.**
**DANGER**
**HAZARD STATEMENTS** : May cause respiratory irritation. Highly flammable liquid and vapour. May be harmful if swallowed. Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS :**
**Prevention** : Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. 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 eye irritation persists, get medical advice/attention. Wear eye/face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

 IMDG Code : 3/II  
 UN No. 1173  
 IATA 3

**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) :**


GHS02



GHS07

Replace Date 1 April 2023

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