



# Product Specification

cdhfinechemical.com

## ETHYL ACETATE FOR HPLC & SPECTROSCOPY

**PRODUCT CODE** 730900

**SYNONYMS** N/A

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

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

**ATOMIC OR MOLECULARFORMULA** C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>

**ATOMIC OR MOLECULARWEIGHT** 88.11

**PROPERTIES** ---

**PARAMETER** **LIMIT**

Description A clear & colourless liquid.

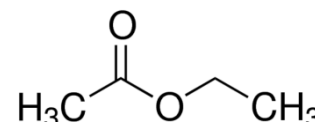
Solubility Miscible with absolute industrial methylated spirit (Methanol) & with diethyl ether forming a clear colourless solution.

Minimum assay (GC) 99.7%

Wt. per ml at 20 °C 0.899 - 0.901 g

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

Boiling Range 77.1 °C



### MAXIMUM LIMIT OF IMPURITIES

Water 0.05%

Acidity (CH<sub>3</sub>COOH) 0.005%

Non volatile matter 0.0005%

Maximum absorbance in a 1.0 cm cell at:

254 nm (UV CUT OFF) 1.0

275 nm 0.1

300 nm 0.01

**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.

**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. : 1173  
IATA : 3



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GHS02



GHS07