

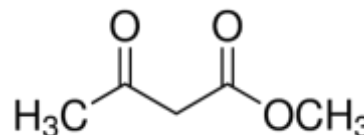


Product Specification

cdhfinechemical.com

METHYL ACETOACETATE

PRODUCT CODE	152635
SYNONYMS	Acetoacetic acid methyl ester
C.I. NO.	N/A
CASR NO.	105- 45- 3
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₈ O ₃
ATOMIC OR MOLECULAR WEIGHT	116.12
PROPERTIES	Combustible



PARAMETER	LIMIT
Description	A clear colourless liquid.
Solubility	Miscible with ether, alcohol, forming a clear, colourless solution.
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	1.074 - 1.078 g
Boiling Range (165 - 175°C)	Min. 90.0%
Refractive index (n) _D ²⁰	1.417 - 1.419

MAXIMUM LIMIT OF IMPURITIES

Acidity (CH ₃ COOH)	0.2%
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Note(s) : Assay (if applicable) method mentioned

WARNINGHAZARD

STATEMENTS :May cause respiratory irritation Combustible Liquid. May be harmful if swallowed. Causes mild skin irritation Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention :Keep away from flames and hot surfaces. Wash hands thoroughly after handling. Use explosion-proof electrical/ventilating/lighting/equipment.

Response :IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. If skin irritation occurs, seek medical advice/attention. 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. In case of fire, use alcohol-type foam for extinction. In case of fire, use dry agent for extinction. Wear eye/face protection.

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.

IMDG Code :-
UN No. :
IATA

Hazard Pictogram(s) :



GHS07

Replace date 29-June-2026