

# Technical Data Sheet

## Eastman™ MAA (Methyl Acetoacetate)

### Chemical Synonym

Methyl Acetoacetate

### Applications

- Herbicides int
- Insecticides int
- Pharmaceutical chemicals
- Process solvents

### Product Description

Eastman™ MAA (methyl acetoacetate) is a colorless liquid having a boiling point of 166° C and a minimum assay of 99.0 wt.%.

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Molecular Weight	116.12
Purity	99.7 wt %
Acidity as Acetic Acid	0.08 wt %
Specific Gravity @ 20°C/20°C	1.078
Water	0.03 wt %
Form	Liquid
Freezing Point <sup>a</sup>	-31.9 °C (-25.4 °F)
Boiling Point @ 760 mm Hg	166 °C (331 °F)
Flash Point Cleveland Open Cup	74 °C (165 °F)
Wt/Vol @ 20°C	1.07 kg/L (8.95 lb/gal)
Solubility	
In Alcohol @ 20°C	Complete
In Ether @ 20°C	Complete
In Ethyl Acetate @ 20°C	Complete
in Water, @ 20°C	44.5 wt %
Melting Point	-55 °C
Assay	99.0 wt % min.
Color Pt-Co	25 max.

<sup>a</sup>Crystallizes

## Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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3/13/2018 9:31:54 AM

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