

Technical data sheet

Methyl benzoate (MB)

Version: February 2009

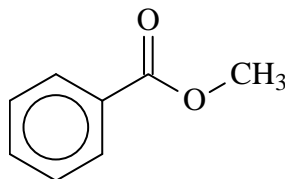
Synonyms

Methyl benzoate

Formula

$C_8H_8O_2$

Structural formula



Molecular weight: 135.15

CAS number

93-58-3

EINECS number

202-259-7

Product specification

Characteristics	Unit	Value	Method*
Appearance		Clear Liquid, free from suspended matter	Visual
Colour	APHA/Hazen	<= 20	AM 018
Odour		Characteristic	AM 074
Acidity as benzoic acid	%	<= 0.01	AM 006
Water content	%	<= 0.05	AM 023
Ester content	%	>= 99.0	AM 999
Paratolualdehyde	%	<= 0.02	AM 999

* Internal methods available upon request.

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Typical properties

Characteristics	Unit	Value
Boiling point @ 760 mmHg	°C	198
Density @ 20 °C	g/ml	1.08
Melting Point	°C	-12.5
Flash point (closed cup)	°C	83

Main applications

Main applications for MB are:

- Methyl benzoate has a pleasant smell, strongly reminiscent of the fruit of the feijoa tree, and it is used in perfumery;
- Methyl benzoate finds use as a solvent and as a pesticide used to attract insects.

Handling

Packaging: Steel drums 225 kg net.
IBC 1050 kg net
Bulk

Storage: The packaged material shall be kept into its original packaging, in cool and well ventilated place, neither under rain nor in wet places, away from flames and heating sources. The bulk material shall be stored in stainless steel tanks, under nitrogen blanketing; for a long lasting quality the material shall be kept at ambient temperature (ideally not above 30°C) and away from any flame or concentrated heat source

Shelf life: 3 years from production date.

Certifications: Kosher: Italy (availability on request)

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