

SPECIFICATION SHEET

VERSION 3 VERSION DATE 19/09/22 PRINT DATE 01/09/24

PRODUCT	METHYL ISOEUGENOL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	BENZENE, 1,2-DIMETHOXY-4-(1-PROPENYL)-
SYNONYMS	ISOEUGENOL METHYL ETHER
FORMULA	C ₁₁ H ₁₄ O ₂
MOLECULAR WEIGHT	178
CAS	93-16-3
CAS 2	6379-72-2
EINECS	202-224-6
EINECS 2	228-958-7
FEMA	2476
CoE	186
FDA	172.515
TARIFF NUMBER	2909309090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR SLIGHT VISCOUS LIQUID/SOLID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	SPICY, LIKE CLOVE BLOSSOM
DENSITY AT 20°C (g / ml)	1,048-1,058
DENSITY 25/25	1,047-1,053
REFRACTIVE INDEX n _D 20	1,5660-1,5690
REFRACTIVE INDEX n _D 25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	262-264°C
MELTING POINT (°C)	ca. 16 - 17
FLASH POINT (°C)	110
ASSAY (% GC)	SUM ISOMERS > 99 / TRANS > 95
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0,02 mmHg (FMA) (20°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	METHYL EUGENOL < 0,1%

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS

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