

SPECIFICATION SHEET

VERSION 1 **VERSION DATE** 19/09/22 **PRINT DATE** 05/11/25

PRODUCT EUGENOL NATUREL

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME4-ALLYL-2-METHOXYPHENOLSYNONYMS4-ALLYL-2-METHOXYPHENOL

PLANT OF ORIGIN Eugenia caryophyllata Thunb.

PART OF THE PLANT **LEAVES FORMULA** C₁₀ H₁₂ O₂ **MOLECULAR WEIGHT** 164 97-53-0 CAS **EINECS** 202-589-1 **FEMA** 2467 CoE 171 **FDA** 184.1257 TARIFF NUMBER 2909500090

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID COLOUR COLORLESS TO YELLOW STRONG, CLOVE-LIKE, SPICY

DENSITY AT 20°C (g / ml) 1,064–1,070

DENSITY 25/25

REFRACTIVE INDEX nD20 1,5400–1,5420

REFRACTIVE INDEX nD25
OPTICAL ROTATION (°)
/

BOILING POINT (°C) 256°C (1 atm)

 MELTING POINT (°C)
 -9

 FLASH POINT (°C)
 110

 ASSAY (% GC)
 > 99

 ACID VALUE (mg KOH/g)

SOLUBILITY INSOLUBLE IN WATER

VAPOUR PRESSURE 0,009 mm Hg (20°C, calculated) **OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA

Distilling range: not less than 95% distils in between 250 and 255°C.

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. PURGE HEADSPACE WITH NITROGEN.

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.