

## SPECIFICATION SHEET

VERSION 1      VERSION DATE 19/09/22      PRINT DATE 01/09/24

PRODUCT	EUGENOL NATUREL
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	4-ALLYL-2-METHOXYPHENOL
SYNONYMS	4-ALLYL-2-METHOXYPHENOL
PLANT OF ORIGIN	Eugenia caryophyllata Thunb.
PART OF THE PLANT	LEAVES
FORMULA	C <sub>10</sub> H <sub>12</sub> O <sub>2</sub>
MOLECULAR WEIGHT	164
CAS	97-53-0
EINECS	202-589-1
FEMA	2467
CoE	171
FDA	184.1257
TARIFF NUMBER	2909500090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

## SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO YELLOW
ODOUR	STRONG, CLOVE-LIKE, SPICY
DENSITY AT 20°C (g / ml)	1,064–1,070
DENSITY 25/25	-
REFRACTIVE INDEX n <sub>D</sub> 20	1,5400–1,5420
REFRACTIVE INDEX n <sub>D</sub> 25	-
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.

### PRODASYNTH SAS

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