

SPECIFICATION SHEET

VERSION 2 VERSION DATE 19/09/22 PRINT DATE 17/07/24

PRODUCT CARYOPHYLLENE NATUREL - NON REACH
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME BETA-CARYOPHYLLENE
SYNONYMS TRANS-CARYOPHYLLENE, BETA-CARYOPHYLLENE

PLANT OF ORIGIN Eugenia caryophyllata Thunb.
PART OF THE PLANT LEAVES
FORMULA C₁₅ H₂₄
MOLECULAR WEIGHT 204
CAS 87-44-5
EINECS 201-746-1
FEMA 2252
CoE 2118
FDA 172.515
TARIFF NUMBER 2902190000
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C CLEAR SLIGHTLY VISCOUS OILY LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR WOODY, SPICY, DRY, TENACIOUS
TASTE DRY-WOODY, SOMEWHAT BITTER
DENSITY AT 20°C (g / ml) 0,895-0,905
DENSITY 25/25 0,899-0,908
REFRACTIVE INDEX nD20 1,4950-1,5050
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 254 - 257
MELTING POINT (°C) -
FLASH POINT (°C) 116
ASSAY (% GC) BETA > 90 (ALPHA+BETA > 95)
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE 1:6 APPROX. IN ETHANOL 96%

OTHER TECHNICAL DATA SYNONYM: 4,11,11-TRIMETHYL-8-METHYLENE-BICYCLO[7.2.0]UNDEC-4-ENE.

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

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com