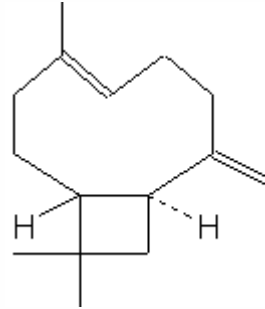


SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 20/11/12 **PRINT DATE** 14/08/22

PRODUCT CARYOPHYLLENE BETA NATURAL
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME BETA-CARYOPHYLLENE
SYNONYMS TRANS-CARYOPHYLLENE, BETA-CARYOPHYLLENE

PLANT OF ORIGIN Syzygium aromaticum (Eugenia caryophyllata)
PART OF THE PLANT LEAVES
FORMULA C15 H24
MOLECULAR WEIGHT 204,00
CAS 87-44-5



EINECS 201-746-1

FEMA 2252
TARIFF NUMBER 2902190000

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE 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 -
REFRACTIVE INDEX nD20 1,4980 - 1,5000
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) -12,00 / -5,00
BOILING POINT (°C) 254 - 257
MELTING POINT (°C) -
FLASH POINT (°C) 116,00
ASSAY (% GC) BETA > 95
ACID VALUE (mg KOH/g) -
SOLUBILITY INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE 1:6 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.