SPECIFICATION SHEET

VERSION	2	**VERSION DATE**	27/06/17	**PRINT DATE**	29/03/24

PRODUCT	CARYOPHYLLENE NATUREL - REACH
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	BETA-CARIOFILENO
SYNONYMS	TRANS-CARYOPHYLLENE, BETA-CARYOPHYLLENE
PLANT OF ORIGIN	Eugenia caryophyllata Thunb.
PART OF THE PLANT	LEAVES
FORMULA	C_{15} H_{24}
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
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