

SPECIFICATION SHEET

VERSION 2,00 **VERSION DATE** 19/09/22 **PRINT DATE** 17/07/24

PRODUCT CARYOPHYLLENE 917 INDESSO NATURAL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME BETA-CARYOPHYLLENE
SYNONYMS TRANS-CARYOPHYLLENE, BETA-CARYOPHYLLENE

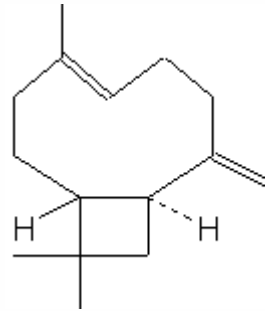
PLANT OF ORIGIN Eugenia caryophyllata Thunb.
PART OF THE PLANT LEAVES
FORMULA C15 H24
MOLECULAR WEIGHT 204,00
CAS 87-44-5

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 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) | 116,00 |
| 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.