

SPECIFICATION SHEET

VERSION 3,01 **VERSION DATE** 19/09/23 **PRINT DATE** 03/11/25

PRODUCT ALPHA-PHELLANDRENE NATUREL 85%

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 4-ISOPROPYL-1-METHYL-1,5-CYCLOHEXADIENE

SYNONYMS 1,5-P-MENTHADIENE, PIVAROSE

PLANT OF ORIGIN Eucalyptus globulus
PART OF THE PLANT LEAVES AND STEM

FORMULA C₁₀ H₁₆ **MOLECULAR WEIGHT** 136 CAS 4221-98-1 99-83-2 CAS₂ **EINECS** 224-167-6 **EINECS 2** 202-792-5 **FEMA** 2856 CoE 2117

TARIFF NUMBER 2902190000

FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID

COLOUR COLORLESS

ODOUR CITRUS, LIME, PEPPER, JUNIPER

DENSITY AT 20°C (g / ml) 0,835-0,842

DENSITY 25/25 -

REFRACTIVE INDEX nD20 1,4700–1,4750

REFRACTIVE INDEX nD25

 OPTICAL ROTATION (°)
 30/50

 BOILING POINT (°C)
 173 - 176

 FLASH POINT (°C)
 45,5

 ASSAY (% GC)
 >85

 ACID VALUE (mg KOH/g)

SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED OTHER SOLUBILITIES SOLUBLE IN ETHANOL

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.