

## SPECIFICATION SHEET

VERSION	3,01	VERSION DATE	19/09/23	PRINT DATE	03/08/25
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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	C <sub>10</sub> H <sub>16</sub>
MOLECULAR WEIGHT	136
CAS	4221-98-1
CAS 2	99-83-2
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
COLOR	COLORLESS
ODOUR	CITRUS, LIME, PEPPER, JUNIPER
DENSITY AT 20°C (g / ml)	0,835-0,842
DENSITY 25/25	-
REFRACTIVE INDEX n <sub>D</sub> 20	1,4700-1,4750
REFRACTIVE INDEX n <sub>D</sub> 25	-
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.

### PRODASYNTH SAS

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