

## SPECIFICATION SHEET

VERSION 4 VERSION DATE 02/10/23 PRINT DATE 01/01/26

PRODUCT ALPHA PINENE NATUREL  
APPLICATIONS Industrial raw material not intended for direct use.  
IUPAC NAME 2,6,6-TRIMETHYL BICYCLO-(3,1,1)-HEPT-2-ENE  
SYNONYMS 2-PINENE, PIN-2(3)-ENE, LEVO-ALPHA-PINENE

PLANT OF ORIGIN Pinus spp.  
PART OF THE PLANT DISTILLATION OF TURPENTINE  
OBTAINED FROM PINE

FORMULA  $C_{10}H_{16}$   
MOLECULAR WEIGHT 136  
CAS 80-56-8  
CAS 2 7785-26-4  
EINECS 201-291-9  
EINECS 2 232-077-3  
FEMA 2902  
CoE 2113  
FDA 172.515  
TARIFF NUMBER 2902190000  
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

## SPECIFICATIONS

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ASPECT AT 20°C CLEAR MOBILE LIQUID  
COLOUR COLORLESS TO PALE YELLOW  
ODOUR PINE, CAMPHORACEOUS, EARTHY  
DENSITY AT 20°C (g / ml) 0,855-0,861  
DENSITY 25/25 0,855-0,860  
REFRACTIVE INDEX  $n_D^{20}$  1,4620-1,4670  
REFRACTIVE INDEX  $n_D^{25}$  -  
OPTICAL ROTATION (°) -38/-15  
BOILING POINT (°C) 166  
MELTING POINT (°C) -  
FLASH POINT (°C) 34  
ASSAY (% GC) > 95  
ACID VALUE (mg KOH/g) < 1  
SOLUBILITY INSOLUBLE IN WATER  
VAPOUR PRESSURE < 10 mmHg a 20°C  
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA Peroxide value < 10 mmol/L.

## 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.  
KEEP AWAY FROM SOURCES OF IGNITION. PURGE HEADSPACE WITH NITROGEN.

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

Capital : 1.100.000 Euros · R.C.S. : GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

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