

SPECIFICATION SHEET

VERSION 7 VERSION DATE 02/10/23 PRINT DATE 12/01/26

PRODUCT BETA PINENE NATUREL
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 6,6-DIMETHYL-2-METHYLENE-BICYCLO[3.1.1]HEPTANE
SYNONYMS LAEVO-BETA-PINENE, PIN-2(10)-ENE

PLANT OF ORIGIN Pinus palustris Mill.
PART OF THE PLANT DISTILLATION OF TURPENTINE
FROM PINE

FORMULA $C_{10}H_{16}$
MOLECULAR WEIGHT 136
CAS 18172-67-3
CAS 2 127-91-3
EINECS 242-060-2
EINECS 2 204-872-5
FEMA 2903
CoE 2114
FDA 172.515
TARIFF NUMBER 2902190000
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

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ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR DRY, WOODY, PINEY, RESINOUS
DENSITY AT 20°C (g / ml) 0,866-0,876
DENSITY 25/25 -
REFRACTIVE INDEX n_D^{20} 1,4760-1,4810
REFRACTIVE INDEX n_D^{25} -
OPTICAL ROTATION (°) -22/-16
BOILING POINT (°C) 166
FLASH POINT (°C) 43
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) -
SOLUBILITY SOLUBLE IN ETHANOL 90%
VAPOUR PRESSURE < 10 mmHg (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL. SOLUBLE 1-6 v/v IN ETHANOL 90°(25°C)

OTHER TECHNICAL DATA PEROXIDES < 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

PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynt.com