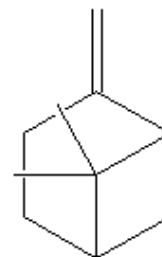


SPECIFICATION SHEET

VERSION 6 VERSION DATE 17/07/19 PRINT DATE 19/08/19

PRODUCT	BETA PINENE, NATURAL
IUPAC NAME	6,6-DIMETHYL-2-METHYLENE-BICYCLO[3.1.1]HEPTANE
SYNONYMS	LAEVO-BETA-PINENE
PLANT OF ORIGIN	Pinus palustris Mill.
PART OF THE PLANT	DISTILLATION OF TURPENTINE FROM PINE
FORMULA	C ₁₀ H ₁₆
MOLECULAR WEIGHT	136
CAS	127-91-3
CAS 2	18172-67-3
EINECS	204-872-5
EINECS 2	242-060-2
FEMA	2903
CoE	2114
FDA	172.515
TARIFF NUMBER	2902190000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2119519230-54



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	DRY, WOODY, PINEY, RESINOUS
DENSITY A 20° C (g / ml)	0,866 – 0,876
REFRACTIVE INDEX n _D 20	1,476 – 1,481
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

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.

PRODASYNTH SAS

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