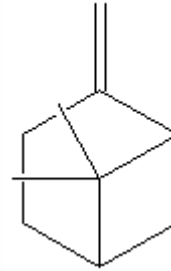


SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 02/10/23 **PRINT DATE** 17/07/24

PRODUCT PINENE BETA CHINA 95, NATURAL
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 spp.
PART OF THE PLANT DISTILLATION OF TURPENTINE FROM PINE
FORMULA C10 H16
MOLECULAR WEIGHT 136,00
CAS 18172-67-3
CAS 2 127-91-3
EINECS 242-060-2
EINECS 2 204-872-5
FEMA 2903
TARIFF NUMBER 2902190000



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	DRY, WOODY, PINEY, RESINOUS
TASTE	
DENSITY AT 20°C (g / ml)	0,866 - 0,876
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4760 - 1,4810
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	-22,00 / -16,00
BOILING POINT (°C)	166
MELTING POINT (°C)	
FLASH POINT (°C)	43,00
ASSAY (% GC)	> 95
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
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.