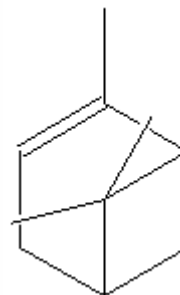


SPECIFICATION SHEET

VERSION 7,00 **VERSION DATE** 02/10/23 **PRINT DATE** 19/05/24

PRODUCT	PINENE ALPHA 97, NATURAL
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 palustris Mill.
PART OF THE PLANT	DISTILLATION OF TURPENTINE OBTAINED FROM PINE
FORMULA	C ₁₀ H ₁₆
MOLECULAR WEIGHT	136,00
CAS	80-56-8
CAS 2	7785-26-4
EINECS	201-291-9
EINECS 2	232-077-3
FEMA	2902
TARIFF NUMBER	2902190000



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

REACH REGISTRATION NO. 01-2119979519-16

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	PINE, CAMPHORACEOUS, EARTHY
TASTE	
DENSITY AT 20°C (g / ml)	0,855 - 0,861
DENSITY 25/25	0,855 - 0,860
REFRACTIVE INDEX n_D20	1,4620 - 1,4670
REFRACTIVE INDEX n_D25	-
OPTICAL ROTATION (°)	-38,00 / -15,00
BOILING POINT (°C)	166
MELTING POINT (°C)	-
FLASH POINT (°C)	34,00
ASSAY (% GC)	> 97
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	NEARLY 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.