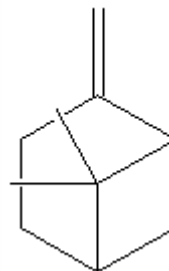


SPECIFICATION SHEET

VERSION	7,00	VERSION DATE	02/10/23	PRINT DATE	17/04/24
PRODUCT	PINENE BETA 98, 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 palustris Mill.				
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.	01-2119519230-54				



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)	> 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.