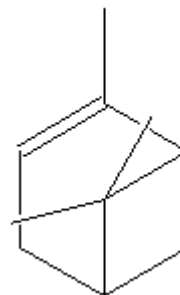


SPECIFICATION SHEET

VERSION	2,00	VERSION DATE	02/10/23	PRINT DATE	03/05/24
PRODUCT	PINENE ALPHA DEXTRO, NATURAL				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	(1R,5R)-2,6,6-TRIMETHYL BICYCLO-(3,1,1)-HEPT-2-ENE				
SYNONYMS	2-PINENE, PIN-2(3)-ENE, DEXTRO-ALPHA-PINENE				
PLANT OF ORIGIN	Eucalyptus globulus Lab.				
PART OF THE PLANT					
FORMULA	C10 H16				
MOLECULAR WEIGHT	136,00				
CAS	7785-70-8				
CAS 2	80-56-8				
EINECS	232-087-8				
EINECS 2	201-291-9				
FEMA	2902				
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 TO PALE YELLOW	
ODOUR	PINE, CAMPHORACEOUS, EARTHY	
TASTE	FRESH	
DENSITY AT 20°C (g / ml)	0,855	- 0,865
DENSITY 25/25	-	
REFRACTIVE INDEX nD20	1,4600	- 1,4700
REFRACTIVE INDEX nD25	-	
OPTICAL ROTATION (°)	35,00	/ 41,00
BOILING POINT (°C)	166	
MELTING POINT (°C)	-	
FLASH POINT (°C)	34,00	
ASSAY (% GC)	> 97	
ACID VALUE (mg KOH/g)	< 1	
SOLUBILITY	INSOLUBLE IN WATER	
VAPOUR PRESSURE	NOT DETERMINED	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	

OTHER TECHNICAL DATA

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.