

## **SPECIFICATION SHEET**

VERSION 6,00 VERSIO	<b>ON DATE</b> 19/09/22	<b>PRINT DATE</b> 19/05/24
PRODUCT APPLICATIONS IUPAC NAME SYNONYMS	BORNEOL 100% Industrial raw material not intended for direct use. 1,7,7-TRIMETHYLBICYCLO-1,2,2-HEPTANOL- 1,7,7-TRIMETHYLBICYCLO-1,2,2-HEPTANOL-	-2
FORMULA MOLECULAR WEIGHT CAS CAS 2 EINECS EINECS 2 FEMA TARIFF NUMBER	C10 H18 O 154,00 464-45-9 507-70-0 207-353-1 208-080-0 2157 2906190090	ОН

REACH REGISTRATION NO. 01-2120759187-44

## SPECIFICATIONS

COLOURWHITEODOURCAMPHORACEOUS, WOODY, PINE, HERATHYTASTEWOODY, HEARTHY, CAMPHORACEOUSDENSITY AT 20°C (g / ml)-DENSITY 25/25-REFRACTIVE INDEX nD20-REFRACTIVE INDEX nD25-OPTICAL ROTATION (°)-40,00 / -20,00BOILING POINT (°C)-MELTING POINT (°C)66,00ASSAY (% GC)> 95ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINEDOTHER SOLUBILITIESSOLUBLE IN ETHANOL	ASPECT AT 20°C	SMALL CRYSTALS OR CRYSTALLINE POWDER	
TASTEWOODY, HEARTHY, CAMPHORACEOUSDENSITY AT 20°C (g / ml)-DENSITY 25/25-REFRACTIVE INDEX nD20-REFRACTIVE INDEX nD25-OPTICAL ROTATION (°)-40,00 / -20,00BOILING POINT (°C)-MELTING POINT (°C)-FLASH POINT (°C)66,00ASSAY (% GC)> 95ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINED	COLOUR	WHITE	
DENSITY AT 20°C (g / ml)-DENSITY 25/25-REFRACTIVE INDEX nD20-REFRACTIVE INDEX nD25-OPTICAL ROTATION (°)-40,00 / -20,00BOILING POINT (°C)-MELTING POINT (°C)>202FLASH POINT (°C)66,00ASSAY (% GC)> 95ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINED	ODOUR	CAMPHORACEOUS, WOODY, PINE, HERATHY	
DENSITY 25/25   -     REFRACTIVE INDEX nD20   -     REFRACTIVE INDEX nD25   -     OPTICAL ROTATION (°)   -40,00   / -20,00     BOILING POINT (°C)   -     MELTING POINT (°C)   >202     FLASH POINT (°C)   66,00     ASSAY (% GC)   > 95     ACID VALUE (mg KOH/g)   -     SOLUBILITY   INSOLUBLE IN WATER     VAPOUR PRESSURE   NOT DETERMINED	TASTE	WOODY, HEARTHY, CAMPHORACEOUS	
REFRACTIVE INDEX nD20   -     REFRACTIVE INDEX nD25   -     OPTICAL ROTATION (°)   -40,00   / -20,00     BOILING POINT (°C)   -     MELTING POINT (°C)   >202     FLASH POINT (°C)   66,00     ASSAY (% GC)   > 95     ACID VALUE (mg KOH/g)   -     SOLUBILITY   INSOLUBLE IN WATER     VAPOUR PRESSURE   NOT DETERMINED	DENSITY AT 20°C (g / ml)	-	
REFRACTIVE INDEX nD25   -     OPTICAL ROTATION (°)   -40,00 / -20,00     BOILING POINT (°C)   -     MELTING POINT (°C)   >202     FLASH POINT (°C)   66,00     ASSAY (% GC)   > 95     ACID VALUE (mg KOH/g)   -     SOLUBILITY   INSOLUBLE IN WATER     VAPOUR PRESSURE   NOT DETERMINED	DENSITY 25/25	-	
OPTICAL ROTATION (°)-40,00 / -20,00BOILING POINT (°C)-MELTING POINT (°C)>202FLASH POINT (°C)66,00ASSAY (% GC)> 95ACID VALUE (mg KOH/g)-SOLUBILITYINSOLUBLE IN WATERVAPOUR PRESSURENOT DETERMINED	REFRACTIVE INDEX nD20	-	
BOILING POINT (°C)   -     MELTING POINT (°C)   >202     FLASH POINT (°C)   66,00     ASSAY (% GC)   > 95     ACID VALUE (mg KOH/g)   -     SOLUBILITY   INSOLUBLE IN WATER     VAPOUR PRESSURE   NOT DETERMINED	REFRACTIVE INDEX nD25	<u>.</u>	
MELTING POINT (°C)   >202     FLASH POINT (°C)   66,00     ASSAY (% GC)   > 95     ACID VALUE (mg KOH/g)   -     SOLUBILITY   INSOLUBLE IN WATER     VAPOUR PRESSURE   NOT DETERMINED	OPTICAL ROTATION (°)	-40,00 / -20,00	
FLASH POINT (°C)   66,00     ASSAY (% GC)   > 95     ACID VALUE (mg KOH/g)   -     SOLUBILITY   INSOLUBLE IN WATER     VAPOUR PRESSURE   NOT DETERMINED	BOILING POINT (°C)	-	
ASSAY (% GC) > 95 ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED	MELTING POINT (°C)	>202	
ACID VALUE (mg KOH/g) - SOLUBILITY INSOLUBLE IN WATER VAPOUR PRESSURE NOT DETERMINED	FLASH POINT (°C)	66,00	
SOLUBILITY INSOLUBLE IN WATER   VAPOUR PRESSURE NOT DETERMINED	ASSAY (% GC)	> 95	
VAPOUR PRESSURE NOT DETERMINED	ACID VALUE (mg KOH/g)	-	
	SOLUBILITY	INSOLUBLE IN WATER	
OTHER SOLUBILITIES SOLUBLE IN ETHANOL	VAPOUR PRESSURE	NOT DETERMINED	
	OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	

**OTHER TECHNICAL DATA** 

MAIN ISOMER L-BORNEOL

## **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.

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.