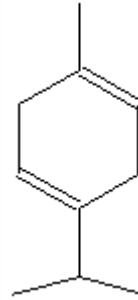


## SPECIFICATION SHEET

**VERSION** 2,00      **VERSION DATE** 13/03/20      **PRINT DATE** 28/10/20

**PRODUCT** TERPINENE GAMMA EXTRA, NATURAL  
**APPLICATIONS** Raw material for industrial use intended for the manufacture of flavours and/or fragrances.  
**IUPAC NAME** 1-METHYL-4-ISOPROPYL-1,4-CYCLOHEXADIENE  
**SYNONYMS** P-MENTHA-1,4-DIENE

**PLANT OF ORIGIN** Eucaliptus spp.  
**PART OF THE PLANT** LEAVES  
**FORMULA** C10 H16  
**MOLECULAR WEIGHT** 136,00  
**CAS** 99-85-4



**EINECS** 202-794-6  
**FEMA** 3559  
**TARIFF NUMBER** 2902190000  
**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST  
**REACH REGISTRATION NO.** 01-2120780478-40

### SPECIFICATIONS

**ASPECT AT 20° C** CLEAR MOBILE LIQUID  
**CLOUR** COLORLESS  
**ODOUR** REFRESHING, HERBAL, CITRUS, SPICY  
**TASTE**  
**DENSITY A 20° C (g / ml)** 0,842 - 0,852  
**DENSITY 25/25** -  
**REFRACTIVE INDEX nD20** 1,4720 - 1,4780  
**REFRACTIVE INDEX nD25** -  
**OPTICAL ROTATION (°)** /  
**BOILING POINT (°C)** 183 deg C (760 mm Hg)  
**MELTING POINT (°C)** -  
**FLASH POINT (°C)** 59,00  
**ASSAY (% GC)** > 95  
**ACID VALUE (mg KOH/g)** -  
**SOLUBILITY** INSOLUBLE IN WATER  
**VAPOUR PRESSURE** NOT DETERMINED  
**OTHER SOLUBILITIES** SOLUBLE IN ETHANOL

**OTHER TECHNICAL DATA** PEROXIDE INDEX < 10 mmol/L. THE DRUM HAS TO BE VERIFIED FREQUENTLY AND REPACKED IF ANY SIGN OF DETERIORATION INTERIOR OR EXTERIOR IS DETECTED.

### STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.  
 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.