

SPECIFICATION SHEET

VERSION 2 VERSION DATE 13/03/20 PRINT DATE 26/04/24

PRODUCT GAMMA TERPINENE 95
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 1-METHYL-4-ISOPROPYL-1,4-CYCLOHEXADIENE
SYNONYMS P-MENTHA-1,4-DIENE

FORMULA $C_{10}H_{16}$
MOLECULAR WEIGHT 136
CAS 99-85-4
EINECS 202-794-6
FEMA 3559
CoE 11025
FDA 172.515
TARIFF NUMBER 2902190000
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR COLORLESS TO PALE YELLOW
ODOUR REFRESHING, HERBAL, CITRUS, SPICY
DENSITY AT 20°C (g / ml) 0,843-0,860
DENSITY 25/25 0,84-0,857
REFRACTIVE INDEX n_D^{20} 1,4720-1,4760
REFRACTIVE INDEX n_D^{25} -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 176 (760 mm Hg)
MELTING POINT (°C) -
FLASH POINT (°C) 59
ASSAY (% GC) > 95
ACID VALUE (mg KOH/g) < 1
SOLUBILITY NEARLY INSOLUBLE IN WATER
VAPOUR PRESSURE < 10 mm Hg (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL 90%

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 24 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 TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS

Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z

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