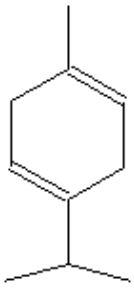
ProdaSynth
PRODUCTEUR PAR ESSENCE

SPECIFICATION SHEET

VERSION	2	VERSION DATE	13/03/20	PRINT DATE	19/09/20

PRODUCT	GAMMA TERPINENE 95
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
REACH REGISTRATION NO.	01-2120780478-40



SPECIFICATIONS

ASPECT AT 20° C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	REFRESHING, HERBAL, CITRUS, SPICY
DENSITY A 20° C (g / ml)	0,843 – 0,86
DENSITY 25/25	0,84 – 0,857
REFRACTIVE INDEX nD20	1,472 – 1,476
BOILING POINT (°C)	176 (760 mm Hg)
MELTING POINT (°C)	-
FLASH POINT (°C)	59
ASSAY (% GC)	> 95
ACID VALUE (mg KOH/g)	< 1
SOLUBILITY	PRACTICALLY 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.

PRODASYNTH SAS
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