

SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 19/09/22 **PRINT DATE** 28/04/24

PRODUCT LIMONENE-L 65

APPLICATIONS Industrial raw material not intended for direct use.

IUPAC NAME 1,8-PARA-MENTHADIENE

SYNONYMS

FORMULA C10 H16

MOLECULAR WEIGHT 136,00

CAS 5989-54-8

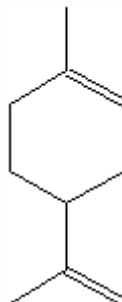
EINECS 227-815-6

FEMA 2633

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-PALE YELLOW	
ODOUR	TERPENIC, PINE, HERBAL, PEPPERY	
TASTE		
DENSITY AT 20°C (g / ml)	0,838	- 0,848
DENSITY 25/25	-	
REFRACTIVE INDEX nD20	1,4680	- 1,4780
REFRACTIVE INDEX nD25	-	
OPTICAL ROTATION (°)	-70,00	/ -65,00
BOILING POINT (°C)	176-178°C	
MELTING POINT (°C)	-	
FLASH POINT (°C)	49,00	
ASSAY (% GC)	> 75	
ACID VALUE (mg KOH/g)	< 0,5	
SOLUBILITY	-	
VAPOUR PRESSURE	2.1 hPa (at 20°C)	
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL	

OTHER TECHNICAL DATA

PEROXIDE INDEX < 20 mmol/L; L-LIMONENE + D-LIMONENE + ALPHA-TERPINENE + PARA-CYMENTHENE + GAMMA-TERPINENE + TERPINOLENE > 95%

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.
Tocopherol 0,01%. 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.