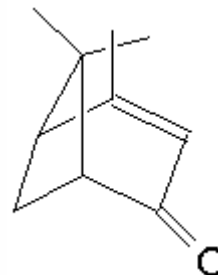


SPECIFICATION SHEET

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

PRODUCT	VERBENONE-L
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	(1S)-4,6,6-TRIMETHYL-BICYCLO(3.1.1)HEPT-3-EN-2-ONE
SYNONYMS	S-VERBENONE, L-VERBENONE
FORMULA	C10 H14 O
MOLECULAR WEIGHT	150,00
CAS	1196-01-6
CAS 2	80-57-9
EINECS	214-807-2
EINECS 2	201-292-4
FEMA	4216
TARIFF NUMBER	2914290090



REACH REGISTRATION NO. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	BALSAMIC, SPICY, MINT, CAMPHOR, HERBAL
TASTE	SPICY, DRY, WOODY
DENSITY AT 20°C (g / ml)	0,970 - 0,980
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4900 - 1,5000
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	-220,00 / -130,00
BOILING POINT (°C)	227 - 228
MELTING POINT (°C)	-
FLASH POINT (°C)	85,00
ASSAY (% GC)	SUM OF ISOMERS L+D > 95 (L IS THE MAJOR ONE)
ACID VALUE (mg KOH/g)	-
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA ISOMER L-(S) > 80% APPROX. (CAS 1196-01-9, EINECS 214-807-2); ISOMER D-(R) < 20% APPROX. (CAS 18309-32-5; EINECS 242-195-7). RACEMIC WOULD BE CAS 80-57-9, EINECS 201-292-4.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 48 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
KEEP BETWEEN 15-20°C. IT CAN CONTAIN 0,1% SYNTHETIC ALPHA-TOCOPHEROL

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.