

SPECIFICATION SHEET

VERSION 4

VERSION DATE 18/01/12

PRODUCT	EUCALYPTOL, NATURAL
IUPAC NAME	1,3,3-TRIMETHYL-8-OXABICYCLO[2.2.2] OCTANE
SYNONYMS	1,8-CINEOLE, 1,8-EPOXY-PARA-MENTHANE
PLANT OF ORIGIN	Eucalyptus spp.
PART OF THE PLANT	LEAVES
FORMULA	C ₁₀ H ₁₈ O
MOLECULAR WEIGHT	154
CAS	470-82-6
EINECS	207-431-5
FEMA	2465
CoE	182
FDA	172.515
TARIFF NUMBER	2932990090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2119967772-24

SPECIFICATIONS

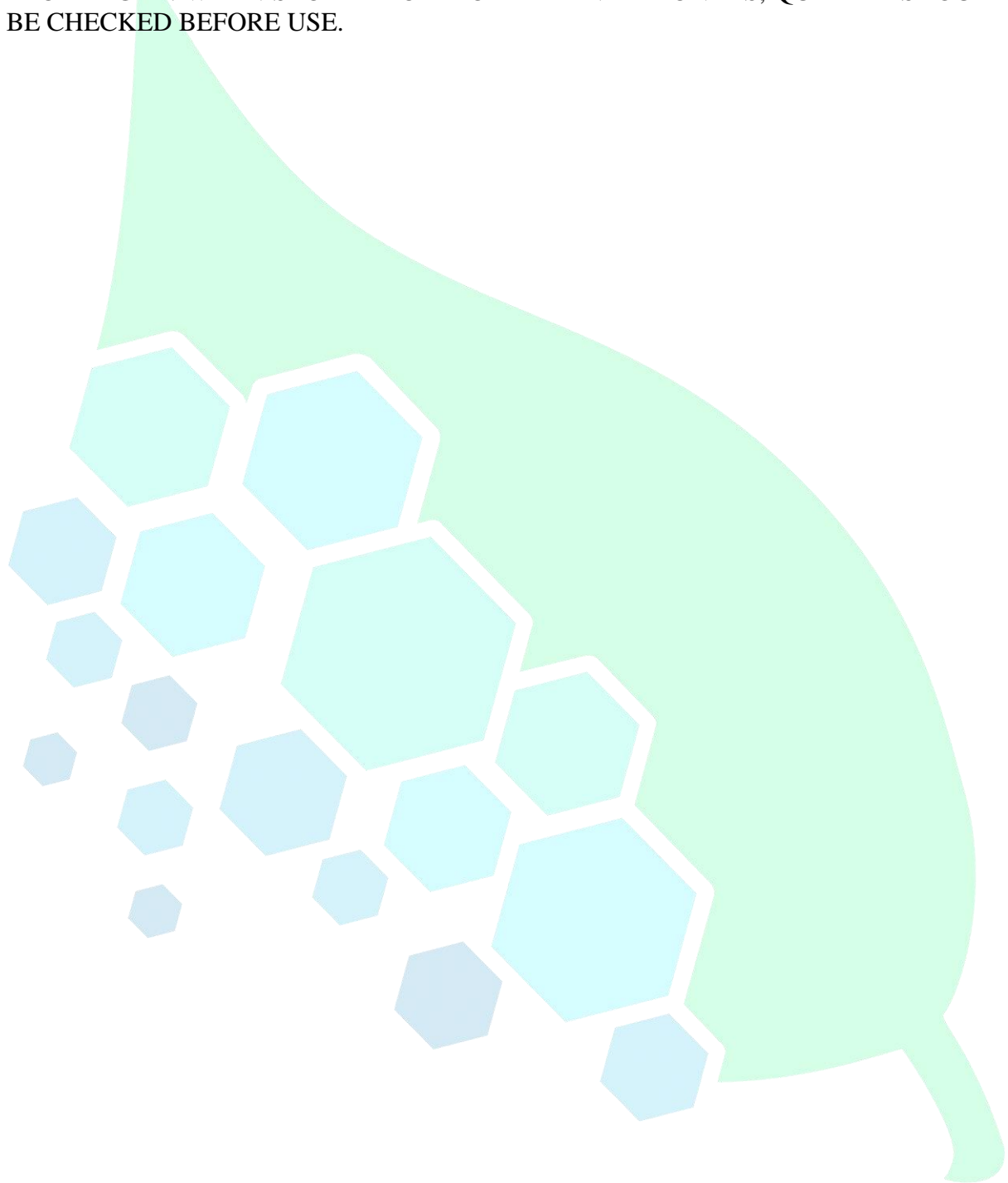
ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS
ODOUR	FRESH, CAMPHORACEOUS, DIFFUSIVE
TASTE	FRESH, CAMPHORACEOUS, SWEET
DENSITY AT 20°C (g/ml)	0,92 – 0,93
DENSITY 25/25	0,921 – 0,924
REFRACTIVE INDEX n_D20	1,455 – 1,46
OPTICAL ROTATION (°)	- 0,3/0,3
BOILING POINT (°C)	176 - 177
MELTING POINT (°C)	1 - 2
FLASH POINT (°C)	50
ASSAY (%GC)	> 98,5
ACID VALUE (mg KOH/mg)	-
SOLUBILITY	INSOLUBLE IN WATER, SOLUBLE 1:5 V/V ETHANOL 60%
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL
OTHER TECHNICAL DATA	PEROXIDE INDEX < 20 mmol/l.



CHEMDONE
FROM IDEA TO PRODUCTION

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.



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