

SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 03/08/16 **PRINT DATE** 20/02/19

PRODUCT 1,4-CINEOLE
APPLICATIONS Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME 1,4-EPOXY-P-MENTHANE
SYNONYMS ISOCINEOL, 1-METHYL-4-(1-METHYLETHYL)-7-OXABICYCLO[2.2.1]HEPTANE

FORMULA C10 H18 O
MOLECULAR WEIGHT 154,25
CAS 470-67-7

EINECS 207-428-9

FEMA 3658
TARIFF NUMBER 2906190090



REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20° C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR CAMPHORACEOUS, FRESH
TASTE
DENSITY A 20° C (g / ml) 0,891 - 0,905
DENSITY 25/25 0,885 - 0,902
REFRACTIVE INDEX nD20 1,4450 - 1,4560
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 172-174
MELTING POINT (°C) -46
FLASH POINT (°C) 47,00
ASSAY (% GC) >80%
ACID VALUE (mg KOH/g) < 1
SOLUBILITY ALMOST INSOLUBLE IN WATER
VAPOUR PRESSURE NOT DETERMINED
OTHER SOLUBILITIES SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA SUM OF DELTA-3-CARENE + ALPHA-PHELLANDRENE + 1,4-CINEOLE + LIMONENE + 1,8-CINEOLE + PARA-CIMENE >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.

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