SPECIFICATION SHEET

VERSION 3.00 VERSION DATE 03/08/16 PRINT DATE 20/12/19

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 ISO-CINEOLE, 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. On request. REACH and non-REACH material available for this product.

SPECIFICATIONS

ASPECT AT 20º C CLEAR MOBILE LIQUID
COLOUR COLORLESS
ODOUR CAMPHORACEOUS, FRESH
TASTE
DENSITY A 20º 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 (º) 172-174
BOILING POINT (ºC) -46
MELTING POINT (ºC) 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-PHELLENDRENE + 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.

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