

SPECIFICATION SHEET

VERSION 3,00 **VERSION DATE** 19/09/22 **PRINT DATE** 21/12/24

PRODUCT 1,4-CINEOLE
APPLICATIONS Industrial raw material not intended for direct use.
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 2909200090



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

SPECIFICATIONS

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|---------------------------------|---------------------------|
| ASPECT AT 20°C | CLEAR MOBILE LIQUID |
| COLOUR | COLORLESS |
| ODOUR | CAMPHORACEOUS, FRESH |
| TASTE | |
| DENSITY AT 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 | NEARLY 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-CYMENE >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 TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.