



"WE CREATE AN ESSENCE OF CHEMICAL'S....."

SPECIFICATION SHEET

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| PRODUCT | EUGENOL |
| IUPAC NAME | 4-ALLYL-2-METHOXYPHENOL |
| SYNONYMS | 4-ALLYL-2-METHOXYPHENOL, 4-ALLYLGUAIACOL |
| PLANT OF ORIGIN | EUGENIA CARYOPHYLLATA THUNB. |
| PART OF PLANT USED | LEAVES |
| FORMULA | C ₁₀ H ₁₂ O ₂ |
| MOLECULAR WEIGHT | 164 |
| CAS | 97-53-0 |
| EINECS | 202-589-1 |

SPECIFICATIONS

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|------------------------------------|----------------------------------|
| ASPECT AT 20° C | CLEAR MOBILE LIQUID |
| COLOUR | COLORLESS TO YELLOW |
| ODOUR | STRONG CLOVE-LIKE, SPICY |
| TASTE | PUNGENT CLOVE-LIKE |
| DENSITY @ 20° C (g / ml) | 1.064-1.070 |
| REFRACTIVE INDEX n _D 20 | 1.5400-1.5420 |
| OPTICAL ROTATION (°) | -0.50 / +0.50 |
| BOILING POINT (°C) | 256°C (1 ATM) |
| MELTING POINT (°C) | -9 |
| FLASH POINT (°C) | 110.00 |
| ASSAY (% GC) | > 99 |
| ACID VALUE (max KOH/g) | 1.00 |
| SOLUBILITY | PRACTICALLY INSOLUBLE IN ETHANOL |
| VAPOUR PRESSURE | 0.009 mm Hg (20°C) |
| OTHER SOLUBILITIES | SOLUBLE IN ETHANOL |

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. LAKSHMI SYNTHESIS, INDIA SHALL NOT BE HELD FOR ANY DAMAGE OR INJURY RESULTING FROM CONTACT OR HANDLING WITH ABOVE.

M/S LAKSHMI SYNTHESIS

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