



SPECIFICATION SHEET

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| PRODUCT | GERANYL ACETATE |
| IUPAC NAME | 3,7-DIMETHYL-2,6-OCTADIEN-1-YL ACETATE |
| SYNONYMS | TRANS-3,7-DIMETHYL-2,6-OCTADIEN-1-YL ACETATE |
| FORMULA | C ₁₂ H ₂₀ O ₂ |
| MOLECULAR WEIGHT | 196.29 |
| CAS | 105-87-3 |
| EINECS | 203-341-1 |

SPECIFICATIONS

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| ASPECT AT 20° C | CLEAR MOBILE LIQUID |
| COLOUR | COLORLESS TO PALE YELLOW |
| ODOUR | FRUITY, FLOWERY |
| TASTE | GREEN, FLORAL, FRUITY WITH A CITRUS NUANCE |
| DENSITY @ 20° C (g / ml) | 0.911 -0.915 |
| DENSITY 25/25 | 0.909-0.913 |
| REFRACTIVE INDEX n _D 20 | 1.4590-1.4630 |
| OPTICAL ROTATION (°) | -2 / +2 |
| BOILING POINT (°C) | 243°C; 98°C |
| MELTING POINT (°C) | < -100°C |
| FLASH POINT (°C) | 105 |
| ASSAY (% GC) | GERANYL ACET. 59-61%; GERANYL + NERYL ACET. > 92% |
| ACID VALUE (max KOH/g) | 1.00 |
| SOLUBILITY | SPARINGLY SOLUBLE IN WATER |
| VAPOUR PRESSURE | 2.02 hPa (82 °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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