

TECHNICAL DATA SHEET

11/25/2009

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|--|---|--|---|
| 4-METHYL-2-PHENYL-2-PENTENAL | | | |
| alpha-(2-Methylpropylidene)-Benzeneacetaldehyde; 2-Phenyl-4-Methyl-2-Pental | | | |
| Formula: C ₁₂ H ₁₄ O | FW: 174.24 | Kosher: <input checked="" type="checkbox"/> | FCC: <input type="checkbox"/> |
| Appearance and Color: } Liquid / Colorless to pale yellow | Part Code: 13028 | | |
| Density (g/ml) _{d₄²⁰} = 0.977-0.985 | RI: n _D ²⁵ = 1.529-1.535 | Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble | |
| Flash Point: > 200°F Method: Closed Cup | Boiling Point: 243°C | <input type="checkbox"/> FS Alcohol | <input type="checkbox"/> Propylene Glycol |
| Vapor Press: 0.01 mm Hg, 20°C log K(ow): 3.27 | Acid Number: ≤ 5.0 | <input type="checkbox"/> I Essential Oils | <input type="checkbox"/> I Water |
| CHROMATOGRAPHIC ANALYSIS Purity: ≥ 96.0 % (cis+trans) | | | |
| GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 100°C (0 min HOLD) to 225°C at 10°C/min. C~1.9,T~2.3 | | | |
| REFERENCE NUMBERS FEMA/GRAS N°: 3200 Co. Europe N°: 10366 C.A.S. N°: 26643-91-4 EINECS N°: 247-869-4 TARIFF N°: 2912.29.6000 | Natural/Nature Identical/Artificial: <input type="checkbox"/> NI | ODOR/TASTE Sour, unripe apple, floral, cocoa / | |
| TRANSPORT: | NATURAL OCCURRENCE Baked and fried potato, potato chips, peppermint oil, black tea, cocoa, roasted filberts, sesame seed, malt. | | |
| Hazard: none | REGULATION | HAZ. CLASS | PG UN N° |
| Point 1 2 3 4 | 1 R.T.M.D. | | |
| Not Regulated | 2 ADR/RID | | |
| Category / other info: | 3 I.A.T.A. | | |
| | 4 I.M.D.G. | | |
| SAFETY DATA: Available | TSCA: Listed | PACKING CONTAINERS: | |
| STORAGE: Under Nitrogen | Temperature: ≤ -18°C <input type="checkbox"/> | <input checked="" type="checkbox"/> Epoxy-coated Steel Drums | |
| | ≤ 5°C <input checked="" type="checkbox"/> | <input type="checkbox"/> Stainless Steel Drums | |
| Shelf Life: ~ 6 Months | RT <input type="checkbox"/> | <input type="checkbox"/> Aluminum Bottles | |
| | | <input checked="" type="checkbox"/> Glass Bottles | |
| | | <input checked="" type="checkbox"/> Plastic / Plastic-lined drums | |

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