

PRODUCT SPECIFICATION

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| Product | : PARA TERTIARY BUTYL CYCLOHEXYL ACETATE (PTBCHA) | | |
| Product Code | : 1000000000 | | |
| Chemical Name | : 4-tert-Butyl Cyclohexyl Acetate | | |
| Synonyms | : Cyclohexanol, 4-(1,1-dimethyl ethyl) acetate OR 4-(1,1-dimethyl ethyl) Cyclohexyl acetate OR p-tert-Butylcyclohexyl Acetate OR Vertenex OR Oryclone OR Woody Acetate OR Lorysia | | |
| CAS NO. | : 32210-23-4 | FORMULA | : C ₁₂ H ₂₂ O ₂ |
| EC No. (EINECS) | : 250-954-9 | H.S CODE | : 2915.39.90 |
| Molecular Weight | : 198.3 | Flash Point | : >100°C |
| CB Number | : CB7218990 | | |
| Odour | : Sweet almost creamy, woody with soft floral undertone. | | |
| Tenacity | : Medium Tenacity | | |
| Intended use | : Perfumery | | |
| Uses Level | : Not Restricted by IFRA | | |

ANALYTICAL SPECIFICATION

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| <i>Appearance</i> | : Clear colorless liquid, |
| <i>Olfactory</i> | : To match standard |
| <i>Specific Gravity</i> | : 0.9350 - 0.9390 at 20/20°C |
| <i>Specific Gravity</i> | : 0.9340 - 0.9410 at 20/4°C |
| <i>Specific Gravity</i> | : 0.9320 - 0.9360 at 25/25°C |
| <i>Refractive Index</i> | : 1.4500 - 1.4540 at 20°C |
| <i>Refractive Index</i> | : 1.4480 - 1.4520 at 25°C |
| <i>Purity (By GC)</i> | : 98.5% min (Σ of 2 isomers), |
| <i>Cis isomer (By GC)</i> | : 28.0 – 32.0% |
| <i>Trans isomer (By GC)</i> | : 70.0 – 72.0 % |
| <i>Acid Value (mg KOH/gm)</i> | : 1.0 max |
| <i>Moisture content</i> | : 0.1 max |

OTHER INFORMATIONS

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| Packaging type | : Epoxy lined MS / HMHDPE drums, IBC, ISO tanker (SS316). |
| Storage | : Store in tightly closed containers, in a cool dry place, protected from sunlight. |
| Shelf Life | : 2 Year |
| Additives | : Not added |