

PRODUCT INFORMATION

TERPINYL FORMATE

1) IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

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| Product Name | : TERPINYL FORMATE |
| Chemical Name of Active Ingredient(s) | : TERPINYL FORMATE |
| Manufacturer | : M/S. U.K.AROMATICS & CHEMICALS PLOT No. K-6/3, TARAPUR MIDC, KALODA NAKA, NAVAPUR ROAD, BOISAR - 401506, INDIA Phone no: (02525) 276520, 661081/82. Fax: (02525) 276520. Email: ukaromatics@gmail.com |

2) PRODUCT IDENTIFICATION & COMPOSITION/ INFORMATION ON INGREDIENTS

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| Synonyms | : 3-cyclohexene-1-methanol, a,a,4-trimethyl-, formate p- menth-1-en-8-ol formate para- menth-1-en-8-ol formate p- menth-1-en-8-ol, formate p- menth-1-en-8- yl formate para- menth-1-en-8-yl formate p- menth-1-en-8-yl-formate p-1- menthen-8-yl formate 1- methyl-1-(4-meth yl cyclohex-3-enyl) eth yl methanoate |
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3) PHYSICAL CHEMICAL PROPERTIES

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| Appearance | : Colorless clear liquid |
| Occurrence in nature | : It is a synthesized chemical |
| Odor description | : floral lavender citrus fruity |
| Flavor | : Lavender, Sweet, floral, fruity |
| Solubility | : very slightly soluble in water |
| Relative Density@25°C | : 0.98100 TO 0.98300 |
| Refractive Index@20°C | : 1.467 TO 1.473 |
| Typical Purity (GC) | : Not less than 90% |
| Acid Value | : < 3.00 max. KOH/g |
| Boiling point | : 213.00 to 225.00 °C. @ 760.00 mm Hg |
| Flash Point | : 207.00 °F. TCC (97.22 °C) |
| CAS No. | : 2153-26-6 |
| Molecular wt | : 182.26 |
| FEMA No. | : 3052 |
| EINECS | : 218-444-0 |
| CoE | : 348 |
| USA Food & Drug Act Title21 CFR Paragraph: | 172.515 |
| JECFA number | : 367 |
| Chemical Formula | : C ₁₁ H ₁₈ O ₂ |
| HS No. | : 29151300 |
| FOOD CHEMICALS CODEX LISTED | : no |

4) OTHER INFORMATION

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| Standard Packing size | : 5.0 kgs, 35 kgs & 220 kgs |
| Packing material compatibility details | : Compatible with MS lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carbouys, Aluminium Cans. |
| Head Space | : As low as possible |
| Use Level | : Fragrance up to 8.0000% Flavours up to 10.0000 ppm |
| Stability | : Keep in tightly closed container in a cool and dry place, protected from light. When stored for more than 12 months, quality should be checked before use. |

Level of metals as follows :

Copper < 30ppm

Arsenic < 1.1 ppm

Tin < 250ppm

Zinc < 50ppm

Cadmium < 1 ppm

Mercury 1 PPM

Lead < 2.5 PPM

Methyl Mercury calculated as element < 0.25 ppm