

PRODUCT INFORMATION

BENZYL FORMATE

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

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| Product Name | : BENZYL FORMATE |
| Chemical Name of Active Ingredient(s) | : BENZYL 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 | : Benzyl formate Formic acid (phenylmethyl) ester Formic acid benzyl ester Formic acid phenyl methyl ester Formic acid phenylmethyl ester Formic acid, benzyl ester Benzyl formate Benzyl formiat Benzyl Ameisensaeure benzylester Benzyl alcohol formate Benzyl formate FCC Formic acid, phenylmethyl ester |
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3) PHYSICAL CHEMICAL PROPERTIES

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| Appearance | : Colorless to pale yellow clear liquid |
| Occurrence in nature | : It is a synthesized chemical |
| Odor description | : floral fruity spicy almond cranberry black tea |
| Flavor | : Very sweet taste, more fruity than floral, spicy Banana-type |
| Solubility | : Insoluble in water; soluble in organic solvents, oils |
| Relative Density@25°C | : 1.08400 to 1.09200 |
| Refractive Index@20°C | : 1.50900 to 1.51400 |
| Typical Purity (GC) | : Not less than 95% |
| Acid Value | : 1.00 max. KOH/g |
| Boiling point | : 202.00 to 203.00 °C. @ 760.00 mm Hg |
| Flash Point | : 180.00 °F. TCC (82.22 °C) |
| CAS No. | : 104-57-4 |
| Molecular wt | : 136.15 |
| FEMA No. | : 2145 |
| EINECS | : 203-214-4 |
| CoE | : 344 |
| USA Food & Drug Act Title21 CFR Paragraph: | 172.515 |
| JECFA number | : 841 |
| Chemical Formula | : C ₈ H ₈ O ₂ |
| HS No. | : 2915 13 00 |
| FOOD CHEMICALS CODEX LISTED | : yes |

4) OTHER INFORMATION

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| Standard Packing size | : 5.0 kgs, 35 kgs & 215 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 1.0000 % Flavors up to 15.0000 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 < 1.5 ppm

Mercury 1 PPM

Lead < 2.5 PPM

Methyl Mercury calculated as element < 0.25 ppm