

PRODUCT INFORMATION

ISO AMYL ISO VALERATE

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

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| Product Name | : ISO AMYL ISO VALERATE |
| Chemical Name of Active Ingredient(s) | : ISO AMYL ISO VALERATE |
| 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 | : iso amyl 3-methyl butanoate iso amyl 3-methyl butyrate iso amyl 3-methylbutanoate iso amyl 3-methylbutyrate iso amyl isopentanoate 3-methyl butanoic acid 3-methyl butyl ester 3-methyl butyl 3-methyl butanoate 3-methyl butyl 3-methyl butyrate 3-methyl butyl isovalerate 3-methylbutanoic acid 3-methylbutyl ester 3-methylbutyl 3-methylbutanoate3- 3-methylbutyl 3-methylbutyrate 3-methylbutyl isovalerate 3-methylbutyl3-methylbutanoate |
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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 | : sweet fruity green ripe apple jammy tropical |
| Flavor | : Apricot, banana, blueberry |
| Solubility | : Soluble in most fixed oils, slightly soluble in propylene glycol, insoluble in water |
| Relative Density@25°C | : 0.85100 to 0.85700 |
| Refractive Index@20°C | : 1.41100 to 1.41400 |
| Typical Purity (GC) | : Not less than 98% |
| Acid Value | : 2.00 max. KOH/g |
| Boiling point | : 190.00 to 191.00 °C. @ 760.00 mm Hg |
| Flash Point | : 152.00 °F. TCC (66.67 °C) |
| CAS No. | : 659-70-1 |
| Molecular wt | : 172.26 |
| FEMA No. | : 2085 |
| EINECS | : 211-536-1 |
| CoE | : 458 |
| USA Food & Drug Act Title21 CFR Paragraph: | 172.515 |
| JECFA number | : 50 |
| Chemical Formula | : C ₁₀ H ₂₀ O ₂ |
| HS No. | : 29156000 |
| FOOD CHEMICALS CODEX LISTED | : yes |

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 350.0000 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