

## PRODUCT INFORMATION

### BENZYL ISO VALERATE

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

Product Name	: BENZYL ISO VALERATE
Chemical Name of Active Ingredient(s)	: BENZYL 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

<b>Synonyms</b>	: benzyl 3-methyl butanoate benzyl 3-methyl butyrate benzyl 3-methylbutanoate benzyl 3-methylbutyrate benzyl iso valerate benzyl isopentanoate benzyl isovalerate natural benzyl isovalerianate benzyl-iso-valerate FCC butanoic acid, 3-methyl-, phenylmethyl ester butyric acid, 3-methyl-, benzyl ester 3-methyl butanoic acid phenyl ethyl ester 3-methyl butanoic acid phenyl methyl ester Isopentanoic acid phenyl methyl ester
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### 3) PHYSICAL CHEMICAL PROPERTIES

<b>Appearance</b>	: Colorless to pale yellow clear liquid
<b>Occurrence in nature</b>	: It is a synthesized chemical
<b>Odor description</b>	: Sweet fruity apple pineapple herbal
<b>Flavor</b>	: jasmin, floral, grape
<b>Solubility</b>	: Insoluble in water; poorly soluble in glycerol, propylene glycol; soluble in oils
<b>Relative Density@25°C</b>	: 0.98200 to 0.99000
<b>Refractive Index@20°C</b>	: 1.48300 to 1.48900
<b>Typical Purity (GC)</b>	: Not less than 98%
<b>Acid Value</b>	: 1.00 max. KOH/g
<b>Boiling point</b>	: 245.00 to 246.00 °C. @ 760.00 mm Hg
<b>Flash Point</b>	: 180.00 °F. TCC (82.22 °C)
<b>CAS No.</b>	: 103-38-8
<b>Molecular wt</b>	: 192.25
<b>FEMA No.</b>	: 2152
<b>EINECS</b>	: 203-106-7
<b>CoE</b>	: 453
<b>USA Food &amp; Drug Act Title21 CFR Paragraph:</b>	172.515
<b>JECFA number</b>	: 845
<b>Chemical Formula</b>	: C <sub>12</sub> H <sub>16</sub> O <sub>2</sub>
<b>HS No.</b>	: 29156000
<b>FOOD CHEMICALS CODEX LISTED</b>	: yes

## 4) OTHER INFORMATION

<b>Standard Packing size</b>	: 5.0 kgs, 35 kgs & 220 kgs
<b>Packing material compatibility details</b>	: Compatible with MS, lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carbouys, Aluminium Cans.
<b>Head Space</b>	: As low as possible
<b>Use Level</b>	: Fragrance up to 8.0000 % Flavors up to 200.0000 PPM
<b>Stability</b>	: 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