

## PRODUCT INFORMATION

### BENZYL BUTYRATE

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

Product Name	: BENZYL BUTYRATE
Chemical Name of Active Ingredient(s)	: BENZYL BUTYRATE
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 butanoate Benzyl butyrate Benzyl butyrate (natural) Benzyl n-butanoate Benzyl n-butyrate Benzylester kyseliny maselne Benzylester kyseliny maselne (Czech) Butanoic acid, phenylmethyl ester Butyric acid, benzyl ester NSC 8073 Phenylmethyl butanoate Phenylmethyl butyrate butanoic acid phenyl methyl ester butyric acid, benzyl ester
-----------------	--

### 3) PHYSICAL CHEMICAL PROPERTIES

<b>Appearance</b>	: Clear Colorless liquid
<b>Occurrence in nature</b>	: It is a synthesized chemical
<b>Odor description</b>	: Fresh fruity jasmine apricot loganberry
<b>Flavor</b>	: Apricot, banana, butter, pineapple
<b>Solubility</b>	: Insoluble in water, glycols, glycerol; soluble in organic solvents, oils
<b>Relative Density@25°C</b>	: 1.00500 to 1.01300
<b>Refractive Index@20°C</b>	: 1.49000 to 1.49500
<b>Typical Purity (GC)</b>	: Not less than 99%
<b>Acid Value</b>	: 1.00 max. KOH/g
<b>Boiling point</b>	: 238.00 to 240.00 °C. @ 760.00 mm Hg
<b>Flash Point</b>	: 225.00 °F. TCC (107.22 °C)
<b>CAS No.</b>	: 103-37-7
<b>Molecular wt</b>	: 178.23
<b>FEMA No.</b>	: 2140
<b>EINECS</b>	: 203-105-0
<b>CoE</b>	: 277
<b>USA Food &amp; Drug Act Title21 CFR Paragraph:</b>	172.515
<b>JECFA number</b>	: 843
<b>Chemical Formula</b>	: C <sub>11</sub> H <sub>14</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 & 215 kgs
<b>Packing material compatibility details</b>	: Compatible with MS, lacquered lined, Good HDPE, Galvanized Iron drums, HDPE Carbouys.
<b>Head Space</b>	: As low as possible
<b>Tenacity</b>	: >6 HRS
<b>Use Level</b>	: Fragrance up to 8.0000% Flavours up to 310.0000 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.
<b>Level of metals as follows</b>	:
Copper	< 20ppm
Arsenic	< 1.1 ppm
Tin	< 250ppm
Zinc	< 40ppm
Cadmium	< 1 ppm
Mercury	1 PPM
Lead	< 1 PPM
Methyl Mercury calculated as element	< 0.25 ppm