

## PRODUCT INFORMATION

### BENZYL CINNAMATE

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

Product Name	: BENZYL CINNAMATE
Chemical Name of Active Ingredient(s)	: BENZYL CINNAMATE
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

Synonyms	: benzyl 3-phenyl propenoate benzyl 3-phenylprop-2-enoate benzyl alcohol cinnamate benzyl alcohol cinnamic ester benzyl alcohol, cinnamate benzyl beta-phenyl acrylate benzyl cinnamate FCC benzyl cinnamate natural benzyl gamma-phenyl acrylate benzyl-3-phenyl propenoate cinnamic acid, benzyl ester phenyl methyl 3-phenyl-2-propenoate 3-phenyl-2-propenoic acid phenyl methyl ester phenylmethyl 3 -phenylprop-2-enoate
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### 3) PHYSICAL CHEMICAL PROPERTIES

<b>Appearance</b>	: white to pale yellow solid
<b>Occurrence in nature</b>	: It is a synthesized chemical
<b>Odor description</b>	: Sweet balsam floral fruity cherry
<b>Flavor</b>	: amber, apricot, berry
<b>Solubility</b>	: Insoluble in water; soluble in oils
<b>Relative Density@25°C</b>	:
<b>Refractive Index@20°C</b>	:
<b>Typical Purity (GC)</b>	: Not less than 95%
<b>Acid Value</b>	: 1.00 max. KOH/g
<b>Boiling point</b>	: 228.00 to 230.00 °C. @ 760.00 mm Hg
<b>Flash Point</b>	: > 230.00 °F. TCC (> 110.00 °C)
<b>CAS No.</b>	: 103-41-3
<b>Molecular wt</b>	: 238.28
<b>FEMA No.</b>	: 2142
<b>EINECS</b>	: 203-109-3
<b>CoE</b>	: 331
<b>USA Food &amp; Drug Act Title21 CFR Paragraph:</b>	172.515
<b>JECFA number</b>	: 670
<b>Chemical Formula</b>	: C <sub>16</sub> H <sub>14</sub> O <sub>2</sub>
<b>HS No.</b>	: 29161260
<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>Use Level</b>	: Flavours up to 120.0000 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 < 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