

## PRODUCT INFORMATION

### CITRONELLYL BUTYRATE

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

Product Name : **CITRONELLYL BUTYRATE**  
Chemical Name of Active Ingredient(s) : **CITRONELLYL BUTYRATE**  
Manufacturer : **M/S. U.K.AROMATICS & CHEMICALS**  
PLOT No. K-6/3, TARAPUR MIDC, KALODA  
NAKA, NAVAPUR ROAD,  
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#### 2) PRODUCT IDENTIFICATION & COMPOSITION/ INFORMATION ON INGREDIENTS

**Synonyms** : 2,6-Dimethyl-2-octen-8-ol, butyrate  
2,6-Dimethyl-2-octen-8-yl butyrate  
2-02-00-00248 (Beilstein Handbook Reference)  
3,7-Dimethyl-6-octen-1-yl butyrate  
3,7-Dimethyl-6-octenyl butanoate  
3,7-Dimethyl-6-octenyl butyrate  
6-Octen-1-ol, 3, 7-dimethyl-, butyrate  
AI3-24200  
BRN 1707201  
Butanoic acid, 3,7-dimethyl-6-octenyl ester  
Butyric acid, 3,7-dimethyl-6-octenyl ester  
Butyric acid, ester with Citronellol  
Citronellyl butanoate  
Citronellyl butyrate  
Citronellyl butyrate (natural)  
Citronellyl n-butyrate

### 3) PHYSICAL CHEMICAL PROPERTIES

<b>Appearance</b>	: Clear colorless liquid
<b>Occurrence in nature</b>	: It is a synthesized chemical
<b>Odor description</b>	: Sweet fruity floral tropical green geranium waxy
<b>Flavor</b>	: Blueberry, banana, apple
<b>Solubility</b>	: Miscible with alcohol, ether, most fixed oils, chloroform; insoluble in water
<b>Relative Density@25°C</b>	: 0.87300 to 0.88200
<b>Refractive Index@20°C</b>	: 1.44400 to 1.44800
<b>Typical Purity (GC)</b>	: Not less than 95%
<b>Acid Value</b>	: 1.00 max. KOH/g
<b>Boiling point</b>	: 245.00 °C. @ 760.00 mm Hg
<b>Flash Point</b>	: 235.00°F.TCC (112.78 °C)
<b>CAS No.</b>	: 141-16-2
<b>Molecular wt</b>	: 226.35
<b>FEMA No.</b>	: 2312
<b>EINECS</b>	: 205-463-4
<b>CoE</b>	: 275
<b>USA Food &amp; Drug Act Title21 CFR Paragraph:</b>	172.515
<b>JECFA number</b>	: 65
<b>Chemical Formula</b>	: C <sub>14</sub> H <sub>26</sub> O <sub>2</sub>
<b>HS No.</b>	: 2915 60 00
<b>FOOD CHEMICALS CODEX LISTED</b>	: yes

## 4) OTHER INFORMATION

<b>Standard Packing size</b>	: 5.0 kgs, 30 kgs & 180 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 5.0000 % Flavors up to 30.0000 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 < 1.5 ppm

Mercury 1 PPM

Lead < 2.5 PPM

Methyl Mercury calculated as element < 0.25 ppm