

PRODUCT INFORMATION

GERANYL BUTYRATE

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

Product Name	: GERANYL BUTYRATE
Chemical Name of Active Ingredient(s)	: GERANYL 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

Synonyms	: butanoic acid (2E)-3,7-dimethyl-2,6-octadienyl ester butanoic acid [(2E)-3,7-dimethylocta-2,6-dienyl] ester (E)-butanoic acid 3,7-dimethyl-2,6-octadienyl ester butanoic acid, (2E)-3,7-dimethyl-2,6-octadien-1-yl ester butanoic acid, (2E)-3,7-dimethyl-2,6-octadienyl ester butanoic acid, 3,7-dimethyl-2,6-octadienyl ester, (E)- (E)- butyric acid 3,7-dimethyl-2,6-octadienyl ester butyric acid geranyl ester dimethyl-2,6-octadien-1-yl butanoate (E)-3,7-dimethyl-2,6-octadien-1-yl butanoate trans-3,7-dimethyl-2,6-octadien-1-yl butanoate 3,7-dimethyl-2,6-octadien-1-yl butanoate, trans- (E)-3,7-dimethyl-2,6-octadiene-1-yl butyrate (E)-3,7-dimethyl-2,6-octadienyl butanoate 3,7-dimethyl-2,6-octadienyl butanoate, (E)- (2E)-3,7-dimethylocta-2,6-dien-1-yl butanoate (2E)-3,7-dimethylocta-2,6-dien-1-yl butyrate [(2E)-3,7-dimethylocta-2,6-dienyl] butanoate
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3) PHYSICAL CHEMICAL PROPERTIES

Appearance	: Colorless to pale yellow clear liquid
Occurrence in nature	: It is a synthesized chemical
Odor description	: Sweet, fresh fruity, waxy, raspberry, peach, apricot, tropical notes with a green nuance
Flavor	: Blueberry, geranium, raspberry
Solubility	: Soluble in alcohol, most fixed oils; insoluble in glycerol, propylene glycol, water
Relative Density@25°C	: 0.89000 to 0.89800
Refractive Index@20°C	: 1.45500 to 1.46000
Typical Purity (GC)	: Not less than 97%
Acid Value	: 1.00 max. KOH/g
Boiling point	: 242.00 to 243.00 °C. @ 760.00 mm Hg
Flash Point	: > 212.00 °F. TCC (> 100.00 °C)
CAS No.	: 106-29-6
Molecular wt	: 224.34
FEMA No.	: 2512
EINECS	: 203-381-3
CoE	: 274
USA Food & Drug Act Title21 CFR Paragraph:	172.515
JECFA number	: 66
Chemical Formula	: C ₁₄ H ₂₄ O ₂
HS No.	: 29156000
FOOD CHEMICALS CODEX LISTED	: yes

4) OTHER INFORMATION

Standard Packing size	: 5.0 kgs, 30 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 5.0000% Flavours up to 10.0000 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