

PRODUCT INFORMATION

GERANYL FORMATE

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

Product Name	: GERANYL FORMATE
Chemical Name of Active Ingredient(s)	: GERANYL FORMATE
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	: 2.6-Octadien-1-ol, 3,7-dimethyl-, formate, (E)- 3.7-Dimethyl-2,6-octadien-1-yl methanoate, trans- 3.7-Dimethyl-2,6-octadienyl formate, (E)- 4-02-00-00035 (Beilstein Handbook Reference) AI3-01978 BRN 1724191 Formic acid, 3,7-dimethyl-2,6-octadienyl ester, (E)- Formic acid, geraniol ester Geraniol formate Geranyl formate Geranyl formate (natural) Geranyl methanoate NSC 21736 trans-3,7-Dimethyl-2,6-octadien-1-ol formate trans-3,7-Dimethyl-2,6-octadien-1-yl formate 2.6-Octadien-1-ol, 3,7-dimethyl-, 1-formate, (2E)- 2.6-Octadien-1-ol, 3,7-dimethyl-, formate, (2E)- NERGER FORMATE
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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	: Fresh rose neroli tea rose green
Flavor	: Rose, lemon, blueberry
Solubility	: Soluble in alcohol, most fixed oils; insoluble in glycerol, propylene glycol, water
Relative Density@25°C	: 0.90600 to 0.92000
Refractive Index@20°C	: 1.45700 to 1.46600
Typical Purity (GC)	: 90 % Single peak
Acid Value	: 2.00 max. KOH/g
Boiling point	: 216.00 °C. @ 760.00 mm Hg
Flash Point	: 185.00 °F. TCC (85.00 °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 & 200 kgs
Packing material compatibility details	: Compatible with Good HDPE, Galvanized Iron drums, HDPE Carbouys, Aluminium Cans, composite drums.
Head Space	: As low as possible
Tenacity	: >24 HRS
Use Level	: Fragrance up to 20% Flavours up to 10 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 < 1.5 ppm

Mercury 1 PPM

Lead < 2.5 PPM

Methyl Mercury calculated as element < 0.25 ppm