

U.K. Aromatics & Chemicals

MFRS.:- AROMATIC CHEMICALS

PLOT NO. K-6/3, KALODA NAKA, NAVAPUR ROAD, TARAPUR MIDC, BOISAR.401506.

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PRODUCT INFORMATION GERANYL ISO VALERATE

1.0 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name:- GERANYL ISO VALERATE

Chemical Name of Active Ingredient(s) :-
GERANYL ISO VALERATE

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.
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2.0 PRODUCT IDENTIFICATION & COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms :-

butanoic acid, 3-methyl-, (2E)-3,7-dimethyl-2,6-
octadienyl ester
butanoic acid, 3-methyl-, 3,7-dimethyl-2,6-
octadienyl ester, (E)-
butyric acid, 3-methyl-, 3,7-dimethyl-2,6-octadienyl
ester, (E)-
geranyl 3-methyl butanoate
geranyl 3-methylbutanoate
geranyl iso valerate
geranyl isopentanoate
heptanoic acid allyl ester
geranyl isovalerate, no antioxidant
geranyl isovalerianate

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :- Colourless to pale yellow clear oily
liquid.

Occurrence in nature:-It is a synthesized chemical

Odor description: Sweet, fruity and green with oily
herbaceous, fruity and melon nuances

Flavor: : Sweet ,apple, apricot

Solubility:- Soluble in alcohol & insoluble in
water .

Relative Density@25°C:- 0.8850 to 0.9050

Refractive Index@25°C :- 1.4500 to 1.4600

Typical Purity (GC) :- Not less than 95%

Acid Value:- 1.00 max. KOH/g

Boiling point:- 276.00 to 278.00 °C @ 760.00 mm Hg.

Flash Point:- >212.00 °F. TCC (>100.00 °C.)

CAS No. :- 109-20-6

Molecular wt :- 238.37

FEMA No. :- 2518

EINECS :- 203-655-2

CoE :- 448

USA Food & Drug Act Title 21 CFR Paragraph
175.515

JECFA number: - 75

Chemical Formula :- C₁₅H₂₆O₂

HS No. :- 29156010

Food Chemicals Codex Listed - NO

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,30 kgs &185 kgs

Packing material compatibility details:-

Compatible with Good HDPE, Galvanized Iron drums, HDPE Carboys, Aluminum Cans .MS lacquered lined.

Head Space:-As low as possible

Use Level:- Fragrance up to 5.0000%
Flavour up to 10.00000 ppm

Stability: - Keep in tightly closed container in a cool and dry place, protected from light.
When stored for more than 12 month's quality should be checked before use.

Also level of metals as follows

Copper <30ppm

Arsenic<1.1ppm

Tin <250ppm

Zinc <50ppm

Cadmium <1.5 ppm

Mercury 1PPM

Lead <2.5PPM

Methyl Mercury calculated as element <0.25 ppm