



JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

PLOT NO.: 4705/1/3, G.I.D.C., ANKLESHWAR- 393 002,
DIST. BHARUCH, (GUJARAT) INDIA

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PRODUCT INFORMATION GERANYL FORMATE

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

Product Name GERANYL FORMATE

Chemical Name of Active Ingredient(s) 3,7-DIMETHYL-2,6-OCTADIEN-1-YL METHANOATE

Manufacturer : Jayshree Aromatics Pvt Ltd
, plot no.4705/1/3 GIDC Estate, Ankleshwar-393002.
District Bharuch. Gujarat.
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Emergency Telephone number:-
Ankleshwar-91-2646-224211
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2.0 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

3.0 PHYSICAL CHEMICAL PROPERTIES

Appearance :-Clear Colorless to pale yellow liquid

Occurrence in nature:-However ,it is a Synthesized chemical

Odor : - , fresh, green, leafy, rosy, fruity, dry, - & pear-like, diffusive and remotely fruity. Reminiscent of Geranium, Bergamot, Neroli, and with an intriguing note of Apple skins And Ginger.

Flavours bitter taste Sweet green-fruity, slightly woody-spicy taste at low concentration.

Solubility:- 1 in 5 (60% Alcohol)

Relative Density@20°C 0,915 - 0,925

Refractive Index@20°C 1,4560 - 1,4660

% volatile by volume:- 100%

Typical Purity(GC) >92 % As Geranyl Formate
Also(can) Contains :Neryl formate 0.10% to 35.00%

Ester content :- > 97%

Boiling point :-216°C atmospheric

Acid Value:-< 3

Geranylformiat;
Geraniolformate

CAS No. 105-86-2

Molecular wt :- 182.26

FEMA No. :- 2514

EINECS :- 203-339-4

CoE :- 343

USA Food & Drug Act Title 21 CFR Paragraph
172.515

JECFA number 54

FL Number 09.076

Chemical Formula :- C11 H18 O2

HS No. :- 2915 13 0000

Beilstein Number/ /Gmelin 1724191

MDL number: MFCD00021047

PubChem Substance ID 24900982

RTECS : RG5925700

RTECS class Primary Irritant

MERCK : 13,4298

BEILSTEIN REFERENCE

4-02-00-00035

NIH PubChem CID : 5282109

CANADA DSL/NDL DSL

US TSCA Listed

AUSTRALIA AICS Listed

NEW ZEALAND Listed

JAPAN ENCS (MITI) Listed

Vapor density (Air=1) :- 6.3

Flash Point:- 85°C

4.0 OTHER INFORMATION

Standard Packing size:-5.0 kgs,30 kgs &180 kgs

Packing material compatibility details:-

Compatible with Good HDPE, Galvanized Iron drums, HDPE Carboys, Aluminum Cans. composite drums

Head Space:-As low as possible

Product Use :- in neutral fruity & citrus compounds for alcoholic & cosmetic perfumery, The ester is frequently used in perfumes, mainly in the lighter portions or in the top note compositions for Rose, Tuberose, Neroli, Citrus colognes, Lavender, etc

It is also used in flavor compositions for imitation Apple, Apricot, Blackcurrant, Gooseberry, Peach and in various fruit complexes And Citrus compositions.

Tenacity:->24 HRS

Use Level:- fragrance up to20 %
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.

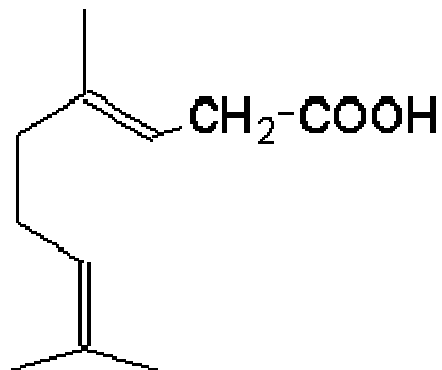
KOREA ECL Listed

PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 3.71

WGK Germany : 1



PH 1	-	ANTIPERSPIRANT	+
PH 2	-	FABRIC SOFTENER	++
PH 3	+	ALCOHOLIC LOTION	++
PH 4	+	HAND CREAM	++
PH 5	++	LIQUID DETERGENT	+
PH 6	++	SHAMPOO	+
PH 7	++	AEROSOL	++
PH 8	++	FOAM BATH	++
PH 9	++	BLEACHING AGENT	-
PH 10	+	TALCUM	++
PH 11	-	SOAP	+
PH 12	-	HARD SURFACE CLEANER	-
ACID CLEANER LIQUID	-	DETERGENT (+TAED)	-
ACID CLEANER SOLID	-	DETERGENT PERBORATE	+
TILE CLEANER	+	SOFTENING AGENT	+
CREAM RINSE	++	COLD WAVE	-
DEO STICK	++		

Also 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