



# JAYSHREE AROMATICS PVT LTD

(100% EOU)

(Manufacturers of Aromatics & Fine Chemicals)

PLOT NO.: 4705/1/3, G.I.D.C., ANKLESHWAR- 393 002,  
DI5T. BHARUCH, (GUJARAT) INDIA

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## PRODUCT INFORMATION CITRONELLYL BUTYRATE

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

**Product Name** CITRONELLYL BUTYRATE

#### Chemical Name of Active Ingredient

3,7-DIMETHYLOCT-6-ENYL BUTANOATE

**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  
Cell phone -09825031954

### 2.0 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  
A13-24200  
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

### 3.0 PHYSICAL CHEMICAL PROPERTIES

**Appearance** :- Clear colorless liquid

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

**Odor** : - Strong, floral, Intensely fruity, sweet and somewhat rosy, leafy (rose-petal-like) odor. Overall warm, deep and very pleasant.  
More floral and less fruity compared with Geranyl ester

**Flavours**:-. Sweet, deep rosy-fruity taste, reminiscent of Apple and Rose.

**Solubility**:- 1 in 6 (60% Alcohol )

**Relative Density@25°C** 0,870 - 0,885

**Refractive Index@20°C** 1,4420 - 1,4480

**% volatile by volume**:- 100%

**Typical Purity(GC)** :- Not less than 94.0 %  
As single isomer Citronellyl butyrate  
Total isomers >98%

**Ester content**:- Not less than 98 %

**Boiling point** :- 246°C

**Acid Value**:-< 1

Citronellyl butyrate (natural)  
Citronellyl n-butyrate  
NSC 46147  
Natural Rhodinol, butylated  
Rhodinyll butyrate  
UNII-IY68QPD54V  
(1)-3,7-Dimethyloct-6-enyl butyrate  
Butanoic acid, 3,7-dimethyl-6-octen-1-yl ester

CAS No. 141-16-2

Molecular wt :- 226.36

FEMA No. :- 2312

EINECS :- 205-463-4

CoE :- 275

USA Food & Drug Act Title 21 CFR Paragraph  
172.515

JECFA number 65

FL Number 09.049

Chemical Formula :- C<sub>14</sub> H<sub>26</sub> O

HS No. :- 2915 60 1000

Beilstein Number/ /Gmelin 1707201

MDL number: MFCD00036581

PubChem Substance ID 24900997

RTECS : RH3430000

#### **BEILSTEIN REFERENCE**

NIH PubChem CID : 8835

**CANADA DSL/NDL** DSL

**US TSCA** Listed

**AUSTRALIA AICS** Listed

**NEW ZEALAND** Listed

**JAPAN ENCS (MITI)** Listed

**KOREA ECL** Listed

**Vapor density (Air=1) :-> 1**

**Flash Point:- > 99**

**Melting point :- 10 °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, Aluminium Cans.

**Head Space:-**As low as possible

**Product Use:** - for compounding rose reconstitutions for detergent and cosmetic compounds. In fruity, floral compounds for all purposes, Used in perfume compositions for Muguet, Lavender, Rose (leaf-notes, Eglantine-notes, fruit y Rose-notes, etc.), and as a modifier for lower esters of Citronellol.

Used in flavor compositions for imitation Apple, Banana, Cola, Honey, Pineapple, Plum, Prune, and in Rose and various floral types of flavor bases.

May be regarded as general fruity ingredient in floral composition around 1-2 % in lavender composition intended for toilet waters 4% adds freshness.

½% makes different in soap perfumes

**Tenacity:-> 24 HRS**

**Use Level:-** fragrance up to 6%  
Flavours up to 30 PPM

**Stability:** - Keep in tightly closed container in a cool and dry place, protected from light.

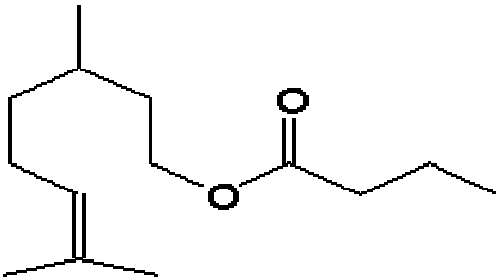
When stored for more than 12 month's quality should be checked before use.

PHILIPPIENS PICCS Listed

FOOD CHEMICALS CODEX LISTED yes

logP (o/w) : 5.34

WGK Germany : 2



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