

**PCW**

45 Boulevard Marcel PAGNOL

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

Technical Data Sheet**GERANYL BUTYRATE**

Manufacture PCW

Reference : GERANYL BUTYRATE

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	3,7-dimethyl-2,6-octadien-1-yle butyrate
<i>I.N.C.I. :</i>	Geranyl butyrate
<i>Chemical / REACH name :</i>	3,7-dimethyl-2,6-octadien-1-yle butyrate
<i>Synonyms :</i>	(E)-3,7-Dimethyl-2,6-octadienyl butanoate
<i>Molecular formula :</i>	C14 H24 O2
<i>Molecular weight :</i>	224
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	Not added directly
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Floral, fruity, rose
<i>Density at 20°C :</i>	[0.895 ; 0.910]
<i>Refractive index @ 20°C :</i>	[1.459 ; 1.463]
<i>Acid Value :</i>	[0 ; 1.0]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	252
<i>Flash point (°C) (close cup) :</i>	92
<i>Purity (%) :</i>	98% min
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	95
<i>Impurities >0.01% :</i>	-

1.5 VLEP

GERANYL BUTYRATE

VLEP (8h) mg/m3 (98/24/CE) : No data

VLEP short term mg/m3
(98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed

Statut kosher : Certified

Hallal status : -

Allergens SCCNFP List : See certificate

IFRA : See certificate - Raw material not regulated as such but contains indirect substances included within the IFRA Standards (49th Am.).

CAS number : 106-29-6

CMR (Reg. 1223/2009/EEC) : See certificate

Reg. 1223/2009 & mod. : See certificate

LVP-VOC / INORGANIC /
EXEMPTED VOC (CARB) : 100%

2.1 - REGULAR DATA FLAVOURS

Ionization : -

Natural status (Reg.
1334/2008/EC) : Flavouring substance

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC

Genetically Modified Organisms
(GMO) : -

Bovine Spongiform
Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 18 months, according to storage conditions

Precautions of use : Avoid any direct contact with the product.

Custom tariff : 2915 60 19 90

Tunnel codes ADR : -

4.1 - STORAGE

Storage : Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

GERANYL BUTYRATE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : 274c
ECL (Corée du Sud) n° : KE-03843
EINECS (EU) : 203-381-3
ENCS (Japan) n° : (2)-763
FDA : 172.515
FEMA : 2512
FLAVIS : 09.048
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : 66
NEPA (China) : CB5670176
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 397
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 106-29-6

Labeling :

H000 - Not classified according to the Regulation 1272/2008/EC

EUH210 - Safety data sheet available on request.