

**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**BENZYL BUTYRATE**

Manufacture PCW

Reference : BENZYL BUTYRATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Benzyl butyrate
<i>IUPAC Name :</i>	Benzyl Butanoate
<i>Chemical / REACH name :</i>	Benzyl butyrate
<i>Synonyms :</i>	Phenyl methyl butanoate ; aldehyde C19
<i>Molecular formula :</i>	C11 H14 O2
<i>Molecular weight :</i>	178.23
<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>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Fruity
<i>Densité à 20/4°C :</i>	[1.007 ; 1.012]
<i>Relative density @ 25°C :</i>	[1.006 ; 1.011]
<i>Refractive index @ 20°C :</i>	[1.4905 ; 1.4955]
<i>Acid Value :</i>	[0 ; 1 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	>100
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98.0 ; 100.0]
<i>Impurities >0.01% :</i>	Benzyl alcohol (100-51-6) : 0.0% to 5.0%

1.5 VLEP

BENZYL BUTYRATE

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

VLEP (8h) mg/m³ (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Non listé

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

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : Restricted (49th Am.)

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

Statut kosher : -

Hallal status : -

CAS number : 103-37-7

Nanoparticle : No

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) : Does not result / does not contain GMO

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2915 60 19 90

Tunnel codes ADR : /

Shelf life : 24 months, according to storage conditions

Precautions of use : -

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

BENZYL BUTYRATE

LEGISLATION :

JECFA n° : 843
PICCS (Philippines) : Listed
EINECS (EU) : 203-105-1
TSCA (Toxic Substances Control Act - USA) : Listed
ECL (Corée du Sud) n° : KE-02789
IECSC (China) : Listed
FEMA : 2140
AICS (Australian Invent. Chem. Subs.) : Listed
NEPA (China) : CB0224693
DSL (Canada) : Listed
Swiss Giftliste 1 : Listed
NZIoC (New Zealand) : Listed
RIFM - ID N° : 376
ENCS (Japan) n° : (3)-1020 ; (3)-1045
ISHL (Japan) : Listed
ECSI (Taiwan) : Listed
FLAVIS : 09.051
COE (Council of Europe) : 277
C.A.S : 103-37-7

Labeling :

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