

**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 BENZOATE**

Manufacture PCW

Reference : BENZYL BENZOATE

1 - TECHNICAL DATA

<i>Ref code :</i>	BDB-2
<i>I.N.C.I. :</i>	Benzyl benzoate
<i>IUPAC Name :</i>	Benzyl benzoate; Phenylmethyl benzoate
<i>Chemical / REACH name :</i>	Benzyl benzoate
<i>Molecular weight :</i>	212,24
<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>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No
<i>Anti-oxydant(s) :</i>	None
<i>Synonyms :</i>	Benzyl phenyl formate
<i>Molecular formula :</i>	C14 H12 O2
<i>Origine géographique :</i>	India

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colourless
<i>Odour :</i>	Faint sweet balsamic oily herbal
<i>Relative density @ 25°C :</i>	[1.116 ; 1.120]
<i>Refractive index @ 20°C :</i>	[1.560 ; 1.570]
<i>Acid Value :</i>	[0 ; 1.0 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	[323 ; 324]
<i>Flash point (°C) (close cup) :</i>	148
<i>Ignition temperature :</i>	480
<i>Purity (%) :</i>	[99.5 ; 100]
<i>Impurities >0.01% :</i>	Benzaldehyde, benzyl alcohol

1.5 VLEP

BENZYL BENZOATE

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

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

2 - COSMETIC REGULAR DATA

CAS number : 120-51-4
VOC Swiss - Annex 1 : Not listed
LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : Restricted (51st Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : Certified
Halal status : In compliance with the religious concepts
Nanomaterials : Not concerned
ISO 16128 : 100 % non-natural ingredients

2.1 - REGULAR DATA FLAVOURS

Ionization : Not submitted to a processing of 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
GMO (Reg (EC) 1829/2003 & 1830/2003 : 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
Vegan : Yes

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions
Custom tariff : 2916 31 00 10
Tunnel codes ADR : E
Precautions of use : Avoid any direct contact with the product.

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 : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Benzyl benzoate), 9, III
Maritime Transport IMDG : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Benzyl benzoate), 9, III
Marine pollutant :
Air Transport IATA : 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Benzyl benzoate), 9, III

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LEGISLATION :

RIFM - ID N° : 108
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : 262
KECI : KE-02782
TCSI (Taiwan) : Listed
EINECS (EU) : 204-402-9
ENCS (Japan) n° : 3-1389
FDA : 172.515
FEMA : 2138
FLAVIS : 09.727
IECSC (China) : Listed
JECFA n° : 24
DSL (Canada) : Listed
NEPA (China) : CB9152283
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
ISHL (Japan) : Not listed
C.A.S : 120-51-4

Labeling :



ATO4 Acute toxicity oral 4
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC2 Hazardous to the aquatic environment, long-term hazard 2



H302 - Harmful if swallowed.
H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

P270 - Do not eat, drink or smoke when using this product.
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
P330 - Rinse mouth.
P391 - Collect spillage.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.