

**PCW**

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Technical Data Sheet**BENZYL ISOBUTYRATE**

Manufacture PCW

Reference : BENZYL ISOBUTYRATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Benzyl isobutyrate
<i>IUPAC Name :</i>	Benzyl 2-Methylpropanoate
<i>Chemical / REACH name :</i>	
<i>Synonyms :</i>	Phenylmethyl 2-methylpropanoate
<i>Molecular formula :</i>	C11 H14 O2
<i>Molecular weight :</i>	178
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic
<i>Use level max. recom. :</i>	-
<i>Anti-oxydant(s) :</i>	None
<i>Water solubility :</i>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Fruity, jasmine-like
<i>Density at 20°C :</i>	[0.996 ; 1.006]
<i>Relative density @ 25°C :</i>	[1.000 ; 1.0006]
<i>Refractive index n (20/D) :</i>	[1.448 ; 1.492]
<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>	99
<i>Purity (%) :</i>	[98 ; 100]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

<i>VLEP short term mg/m3 (98/24/CE) :</i>	No data
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VLEP (8h) mg/m3 (98/24/CE) : No data

2 - COSMETIC REGULAR DATA

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 (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : Certified
Hallal status : In compliance with the religious concepts
CAS number : 103-28-6

2.1 - REGULAR DATA FLAVOURS

Ionization : -
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : Can be used in fragrances for products which have the possibility of ingestion
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 : 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 : NR Not regulated for transport
Maritime Transport IMDG : NR Not regulated for transport
Marine pollutant :
Air Transport IATA : NR Not regulated for transport

BENZYL ISOBUTYRATE

LEGISLATION :

FEMA : 2141
FDA : 172.515
ENCS (Japan) n° : (3)-1020, (3)-1045
EINECS (EU) : 203-095-9
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-02811
COE (Council of Europe) : 301
AICS (Australian Invent. Chem. Subs.) : Listed
FLAVIS : 09.426
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : 844
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NEPA (China) : CB6412414
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
RIFM - ID N° : 227
TSCA (Toxic Substances Control Act - USA) : Listed
C.A.S : 103-28-6