

**PCW**

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Technical Data Sheet**PHENYLETHYL ISOBUTYRATE**

Manufacture PCW

Reference : PHENYLETHYL ISOBUTYRATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Phenethyl isobutyrate
<i>IUPAC Name :</i>	Phenylethyl 2-methylpropanoate
<i>Chemical / REACH name :</i>	Phenethyl isobutyrate
<i>Synonyms :</i>	2-phenylethyl 2-methylpropanoate ; Isobutyrate de phenylethyle
<i>Molecular formula :</i>	C ₁₂ H ₁₆ O ₂
<i>Molecular weight :</i>	196.20
<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>	None
<i>Water solubility :</i>	51.02 mg/L
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Conform to the commercial description.
<i>Densité à 20/4°C :</i>	[0.987 ; 0.991]
<i>Relative density @ 25°C :</i>	[0.986 ; 0.990]
<i>Refractive index @ 20°C :</i>	[1.486 ; 1.489]
<i>Acid Value :</i>	[0.0 ; 0.5 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	94
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

PHENYLETHYL ISOBUTYRATE

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 : 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 : 103-48-0

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) : 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 10 00

Tunnel codes ADR : /

Shelf life : 12 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 : No

Air Transport IATA : NR Not regulated for transport

PHENYLETHYL ISOBUTYRATE

LEGISLATION :

RIFM - ID N° : 248
EINECS (EU) : 203-116-1
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
IECSC (China) : Listed
NEPA (China) : CB2141279
ECL (Corée du Sud) n° : KE-28369
FDA : 172.515
ISHL (Japan) : Listed
ENCS (Japan) n° : (3)-1040 ; (3)-1045
ECSI (Taiwan) : Listed
FLAVIS : 09.427
COE (Council of Europe) : 302
JECFA n° : 992
FEMA : 2862
C.A.S : 103-48-0

Labeling :

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