

**PCW**

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Technical Data Sheet**ETHYL BUTYRATE**

Manufacture PCW

Reference : ETHYL BUTYRATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Ethyl butyrate
<i>IUPAC Name :</i>	Ethyl butanoate
<i>Chemical / REACH name :</i>	Ethyl butanoate
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C6 H12 O2
<i>Molecular weight :</i>	116.18
<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>	No
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Fruity, juicy, pineapple
<i>Density at 20°C :</i>	[0.872 ; 0.879]
<i>Refractive index @ 20°C :</i>	[1.390 ; 1.394]
<i>Acid Value :</i>	[0.0 ; 1.0 mgKOH/g]
<i>Melting point (°C) :</i>	-93
<i>Boiling point (°C) :</i>	121
<i>Flash point (°C) (close cup) :</i>	28
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.0 ; 100.0]
<i>Impurities >0.01% :</i>	-

1.5 VLEP

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

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

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : No data
COV medium (CARB) : 100%
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
IFRA : No restrictions (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : -
Hallal status : -
CAS number : 105-54-4

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 10
Tunnel codes ADR : D/E
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 : 1180 ETHYL BUTYRATE, 3, III
Maritime Transport IMDG : 1180 ETHYL BUTYRATE, 3, III
Marine pollutant :
Air Transport IATA : 1180 ETHYL BUTYRATE, 3, III

ETHYL BUTYRATE

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
RIFM - ID N° : 281
ECSI (Taiwan) : Not listed
NEPA (China) : CB1852659
FDA : 182.606
COE (Council of Europe) : 264
ECL (Corée du Sud) n° : KE-03851
FEMA : 2427
ISHL (Japan) : 2-(6)-668
ENCS (Japan) n° : (2)-779
PICCS (Philippines) : Listed
EINECS (EU) : 203-306-4
NZIoC (New Zealand) : Listed
DSL (Canada) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
JECFA n° : 29
IECSC (China) : Listed
FLAVIS : 09.039
C.A.S : 105-54-4

Labeling :

R10:Flammable.