

**PCW**

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Technical Data Sheet**ETHYL 2 METHYLBUTYRATE**

Manufacture PCW

Reference : ETHYL 2 METHYLBUTYRATE

1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Ethyl 2-methylbutyrate
<i>Synonyms :</i>	Ethyl 2-methylbutanoate ; Ethyl alpha-methylbutyrate
<i>Molecular formula :</i>	C7 H14 O2
<i>Molecular weight :</i>	130.18
<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
<i>I.N.C.I. :</i>	Ethyl 2-methylbutyrate
<i>IUPAC Name :</i>	Ethyl 2-methylbutanoate

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Green, fruity, apple
<i>Density at 20°C :</i>	[0.864 ; 0.872]
<i>Refractive index @ 20°C :</i>	[1.393 ; 1.400]
<i>Acid Value :</i>	[0 ; 1.00 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	26
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.00 ; 100.00]
<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 2 METHYLBUTYRATE

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

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed
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 : Certified
Hallal status : Certified
CAS number : 7452-79-1

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) : -

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2915 60 90 00
Tunnel codes ADR : D/E
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 : 3272 Esters n.o.s., (ETHYL 2-METHYLBUTYRATE), 3, III
Maritime Transport IMDG : 3272 Esters n.o.s., (ETHYL 2-METHYLBUTYRATE), 3, III
Marine pollutant : No
Air Transport IATA : 3272 Esters n.o.s., (ETHYL 2-METHYLBUTYRATE), 3, III

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LEGISLATION :

EINECS (EU) : 231-225-4
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-23553
AICS (Australian Invent. Chem. Subs.) : Listed
FEMA : 2443
IECSC (China) : Listed
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
FLAVIS : 09.409
JECFA n° : 206
FDA : 172.515
COE (Council of Europe) : 265
ENCS (Japan) n° : (2)-776
RIFM - ID N° : 6216
C.A.S : 7452-79-1

Labeling :



FL3 Flammable Liquids 3

H226 - Flammable liquid and vapour.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240+P241 - Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/.../equipment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.