

**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**ETHYL ISOVALERIANATE**

Manufacture PCW

Reference : ETHYL ISOVALERIANATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Ethyl isovalerate
<i>IUPAC Name :</i>	Ethyl 3-methyl-butanoate
<i>Chemical / REACH name :</i>	Ethyl isovalerate
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C7 H14 O2
<i>Molecular weight :</i>	130.19
<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, butyric
<i>Density at 20°C :</i>	[0.864 ; 0.868]
<i>Refractive index @ 20°C :</i>	[1.395 ; 1.399]
<i>Acid Value :</i>	[0 ; 2.0 mgKOH/g]
<i>Melting point (°C) :</i>	-99
<i>Boiling point (°C) :</i>	134
<i>Flash point (°C) (close cup) :</i>	31
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[98.0 ; 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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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 : In compliance with the religious concepts
CAS number : 108-64-5
Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : -
Natural status (Reg. 1334/2008/EC) : Flavouring substance
REG. 872/2012 CE Annex 1 : Listed
Foodgrade certificate : Certified
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 : 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 : 3272 Esters n.o.s., (Isovalerate ethyle), 3, III
Maritime Transport IMDG : 3272 Esters n.o.s., (Isovalerate ethyle), 3, III
Marine pollutant :
Air Transport IATA : 3272 Esters n.o.s., (Isovalerate ethyle), 3, III

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LEGISLATION :

FEMA : 2463
RIFM - ID N° : 750
JECFA n° : 196
ECL (Corée du Sud) n° : KE-23554
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
ENCS (Japan) n° : Not listed
ISHL (Japan) : Not listed
ECSI (Taiwan) : Listed
FLAVIS : 09.447
COE (Council of Europe) : 442
EINECS (EU) : 203-602-3
AICS (Australian Invent. Chem. Subs.) : Listed
FDA : 172.515
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
NEPA (China) : CB9452194
C.A.S : 108-64-5

Labeling :



FL3 Flammable Liquids 3
SCl2 Skin corrosion / irritation 2



H226 - Flammable liquid and vapour.
H315 - Causes skin irritation.

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

P233 - Keep container tightly closed.

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.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

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