

**PCW**

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Technical Data Sheet**ISOAMYL BUTYRATE**

Manufacture PCW

Reference : ISOAMYL BUTYRATE

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Isoamyl butyrate
<i>IUPAC Name :</i>	3-Methylbutyl Butanoate
<i>Chemical / REACH name :</i>	3-methylbutyl butyrate
<i>Synonyms :</i>	Isoamyl butanoate
<i>Molecular formula :</i>	C9 H18 O2
<i>Molecular weight :</i>	156.24
<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>	Characteristic
<i>Density at 20°C :</i>	[0.863 ; 0.868]
<i>Refractive index @ 20°C :</i>	[1.409 ; 1.414]
<i>Acid Value :</i>	[0 ; 1.0 mgKOH/g]
<i>Melting point (°C) :</i>	-100
<i>Boiling point (°C) :</i>	180
<i>Flash point (°C) (close cup) :</i>	59
<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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ISOAMYL BUTYRATE

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 : No restrictions (49th Am.)
CMR (Reg. 1223/2009/EEC) : See certificate
Statut kosher : Certified
Hallal status : In compliance with the religious concepts
CAS number : 106-27-4

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) : Does not result / does not contain GMO
Bovine Spongiform Encephalopathy (BSE) : -
Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2915 60 19 90
Tunnel codes ADR : D/E
Shelf life : 12 months, according to storage conditions
Precautions of use : -

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 : 2620 AMYL BUTYRATES, 3, III
Maritime Transport IMDG : 2620 AMYL BUTYRATES, 3, III
Marine pollutant :
Air Transport IATA : 2620 AMYL BUTYRATES, 3, III

ISOAMYL BUTYRATE

LEGISLATION :

NEPA (China) : CB0352329
COE (Council of Europe) : 282
AICS (Australian Invent. Chem. Subs.) : Listed
ECL (Corée du Sud) n° : KE-03859
FDA : 172.515
EINECS (EU) : 203-380-8
DSL (Canada) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
RIFM - ID N° : 804
IECSC (China) : Listed
TSCA (Toxic Substances Control Act - USA) : Listed
NZIoC (New Zealand) : Listed
PICCS (Philippines) : Listed
ENCS (Japan) n° : (2)-779
ISHL (Japan) : Not listed
ECSI (Taiwan) : Listed
FLAVIS : 09.055
JECFA n° : 45
FEMA : 2060
C.A.S : 106-27-4

Labeling :



EHC3 Hazardous to the aquatic environment, long-term hazard 3
FL3 Flammable Liquids 3

H226 - Flammable liquid and vapour.

H412 - Harmful to aquatic life with long lasting effects.

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.

P242 - Use non-sparking tools.

P243 - Take action to prevent static discharges.

P273 - Avoid release to the environment.