

**PCW**

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Technical Data Sheet**BUTYRIC ACID**

Manufacture PCW

Reference : BUTYRIC ACID

1 - TECHNICAL DATA

<i>Ref code :</i>	ACBU-1
<i>I.N.C.I. :</i>	Butyric Acid
<i>IUPAC Name :</i>	Butanoic acid
<i>Chemical / REACH name :</i>	Butyric acid
<i>Synonyms :</i>	Ethylacetic acis ; 1-propanecarboxylic acid
<i>Molecular formula :</i>	C4 H8 O2
<i>Molecular weight :</i>	88.12
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Anti-oxydant(s) :</i>	-
<i>Water solubility :</i>	Yes
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Acrid. Unpleasant. Rancid
<i>Density at 20°C :</i>	[0.954 ; 0.959]
<i>Refractive index @ 20°C :</i>	[1.397 ; 1.399]
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	76
<i>Boiling point (°C) :</i>	162
<i>Melting point (°C) :</i>	-6
<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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BUTYRIC ACID

VLEP (8h) mg/m³ (98/24/CE) : No Data

2 - COSMETIC REGULAR DATA

VOC Swiss - Annex 1 : Not listed
Low VOC (CARB) : 100%
IFRA : No restrictions (50th Am.)
Reg. 1223/2009 & mod. : See certificate
Allergens SCCNFP List : See certificate
CMR (Reg. 1223/2009/EEC) : See certificate
Halal status : In compliance with the religious concepts
Statut kosher : Certified
CAS number : 107-92-6
Nanoparticle : -

2.1 - REGULAR DATA FLAVOURS

REG. 872/2012 CE Annex 1 : Listed
Natural status (Reg. 1334/2008/EC) : Flavouring substance
Foodgrade certificate : Certified
Ionization : -
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
Vegan : -
Food allergens (Reg. 1169/2011/EC) : None

4 - TRANSPORT - HANDLING - STORAGE

Tunnel codes ADR : /
Precautions of use : Avoid any direct contact with the product.
Shelf life : 36 months, according to storage conditions

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 : 2820 BUTYRIC ACID, 8, III
Maritime Transport IMDG : 2820 BUTYRIC ACID, 8, III
Marine pollutant :
Air Transport IATA : 2820 BUTYRIC ACID, 8, III

BUTYRIC ACID

LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
FDA : 182.60
FLAVIS : 08.004
COE (Council of Europe) : 5
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 940
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB3459186
DSL (Canada) : Listed
JECFA n° : 87
IECSC (China) : Listed
FEMA : 2221
ENCS (Japan) n° : (2)-608
EINECS (EU) : 203-532-3
TCSI (Taiwan) : Listed
KECI : KE-03838
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 107-92-6

Labeling :



AT04 Acute toxicity oral 4
ED11 Serious eye damage / eye irritation 1
SC11B Skin corrosion / irritation 1B



H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/303+P310 - If swallowed : Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor/physician.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P330 - Rinse mouth.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.