

**PCW**

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**Technical Data Sheet****BUTYRIC ACID**

Manufacture PCW

Reference : BUTYRIC ACID

**1 - TECHNICAL DATA**

<i>I.N.C.I. :</i>	Butyric acid
<i>IUPAC Name :</i>	Butanoic acid
<i>Chemical / REACH name :</i>	Butyric acid
<i>Synonyms :</i>	Ethyl acetic acid
<i>Molecular formula :</i>	C4 H8 O2
<i>Molecular weight :</i>	88.11
<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>	Yes
<i>Solubility in alcohol (°) :</i>	Yes

**1.1 - ANALYTICAL DATA**

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless
<i>Odour :</i>	Buttery, Penetrant
<i>Relative density @ 25°C :</i>	[0.950 ; 0.967]
<i>Refractive index @ 20°C :</i>	-
<i>Acid Value :</i>	-
<i>Flash point (°C) (close cup) :</i>	76
<i>Boiling point (°C) :</i>	162 - 165
<i>Melting point (°C) :</i>	-
<i>Ignition temperature :</i>	-
<i>Purity (%) :</i>	[99.0 ; 100]
<i>Impurities &gt;0.01% :</i>	-

**1.5 VLEP**

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

# BUTYRIC ACID

VLEP short term mg/m<sup>3</sup>  
(98/24/CE) : No data

## **2 - COSMETIC REGULAR DATA**

VOC Swiss - Annex 1 : Not listed  
Low VOC (CARB) : 100%  
Statut kosher : Certified  
Hallal status : Certified  
Allergens SCCNFP List : See certificate  
Reg. 1223/2009 & mod. : See certificate  
IFRA : No restrictions (49th Am.)  
CAS number : 107-92-6  
CMR (Reg. 1223/2009/EEC) : See certificate

## **2.1 - REGULAR DATA FLAVOURS**

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) : -  
Ionization : -

## **4 - TRANSPORT - HANDLING - STORAGE**

Custom tariff : 2915 60 19 90  
Tunnel codes ADR : E  
Precautions of use : Avoid any direct contact with the product.  
Shelf life : 24 months, according to storage conditions

### **4.1 - STORAGE**

Storage : Store in a dry local in tightly sealed original container. Avoid prolonged exposure to light, humidity and air.

### **Transport :**

Land Transport ADR/RID : 2820 BUTYRIC ACID, 8, III  
Maritime Transport IMDG : 2820 BUTYRIC ACID, 8, III  
Marine pollutant : No  
Air Transport IATA : 2820 BUTYRIC ACID, 8, III

# BUTYRIC ACID

## **LEGISLATION :**

RIFM - ID N° : 940  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
DSL (Canada) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
PICCS (Philippines) : Listed  
IECSC (China) : Listed  
NEPA (China) : CB3459186  
FDA : 182.60  
ISHL (Japan) : Listed  
ENCS (Japan) n° : (2)-608  
ECSI (Taiwan) : Listed  
ECL (Corée du Sud) n° : KE-03838  
COE (Council of Europe) : 5  
EINECS (EU) : 203-532-3  
FEMA : 2221  
FLAVIS : 08.005  
JECFA n° : 87  
TSCA (Toxic Substances Control Act - USA) : Listed  
C.A.S : 107-92-6

## **Labeling :**



ATO4 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.

P233 - Keep container tightly closed.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.  
P301/303+P310 - If swallowed : Rinse mouth. Do not induce vomiting. Immediately call a poison center or doctor/physician.  
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.