

**PCW**

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**Technical Data Sheet****BUTYL BUTYRATE**

Manufacture PCW

Reference : BUTYL BUTYRATE

**1 - TECHNICAL DATA**

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| <i>I.N.C.I. :</i>                       | Butyl butyrate                   |
| <i>IUPAC Name :</i>                     | Butyl butanoate                  |
| <i>Chemical / REACH name :</i>          | Butyl butyrate                   |
| <i>Synonyms :</i>                       | -                                |
| <i>Molecular formula :</i>              | C8 H16 O2                        |
| <i>Molecular weight :</i>               | 144.00                           |
| <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          |
| <i>Density at 20°C :</i>              | [0.867 ; 0.871] |
| <i>Refractive index n (20/D) :</i>    | [1.404 ; 1.408] |
| <i>Acid Value :</i>                   | [0 ; 1 mgKOH/g] |
| <i>Melting point (°C) :</i>           | -92             |
| <i>Boiling point (°C) :</i>           | 165             |
| <i>Flash point (°C) (close cup) :</i> | 53              |
| <i>Ignition temperature :</i>         | -               |
| <i>Purity (%) :</i>                   | [98 ; 100]      |
| <i>Impurities &gt;0.01% :</i>         | -               |

**1.5 VLEP**

|                                               |         |
|-----------------------------------------------|---------|
| <i>VLEP short term mg/m3<br/>(98/24/CE) :</i> | No data |
|-----------------------------------------------|---------|

# BUTYL BUTYRATE

VLEP (8h) mg/m<sup>3</sup> (98/24/CE) : No data

## **2 - COSMETIC REGULAR DATA**

VOC Swiss - Annex 1 : Not listed  
Low 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 : -  
CAS number : 109-21-7

## **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) : -

## **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 : 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., (Butyl butyrate), 3, III  
Maritime Transport IMDG : 3272 Esters n.o.s., (Butyl butyrate), 3, III  
Marine pollutant : No  
Air Transport IATA : 3272 Esters n.o.s., (Butyl butyrate), 3, III

# BUTYL BUTYRATE

## **LEGISLATION :**

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Listed

AICS (Australian Invent. Chem. Subs.) : Listed

PICCS (Philippines) : Listed

NZIoC (New Zealand) : Listed

TSCA (Toxic Substances Control Act - USA) : Listed

IECSC (China) : Listed

NEPA (China) : CB8376985

FDA : 172.515

ISHL (Japan) : Not listed

ENCS (Japan) n° : (2)-779

ECSI (Taiwan) : Listed

ECL (Corée du Sud) n° : KE-04225

COE (Council of Europe) : 268

JECFA n° : 151

FEMA : 2186

FLAVIS : 09.042

EINECS (EU) : 203-656-8

RIFM - ID N° : 879

C.A.S : 109-21-7