



## PCW

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### Technical Data Sheet

# BUTYL BUTYRYL LACTATE

Manufacture PCW

Reference : BUTYL BUTYRYL LACTATE

## 1 - TECHNICAL DATA

<i>Chemical / REACH name :</i>	Butyl O-butyryllactate
<i>Synonyms :</i>	Butyl butyrolactate ; (1-butoxy-1-oxopropan-2-yl) butanoate
<i>Molecular formula :</i>	C11 H20 O4
<i>Molecular weight :</i>	216.28
<i>Origin raw material :</i>	100% Synthetic (Petrochemical / Mineral)
<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
<i>I.N.C.I. :</i>	Butyl butyrolactate
<i>IUPAC Name :</i>	1-Butoxy-1-oxopropan-2-yl butanoate

## 1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless
<i>Odour :</i>	Slightly fruity
<i>Density at 20°C :</i>	[0.971 ; 0.976]
<i>Refractive index @ 20°C :</i>	[1.418 ; 1.423]
<i>Acid Value :</i>	[0 ; 1.0 mgKOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	[254 ; 256]
<i>Flash point (°C) (close cup) :</i>	99
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	[99.00 ; 100.00]
<i>Impurities &gt;0.01% :</i>	-
<i>Water (KF) % :</i>	[0.00 ; 0.30]

## 1.5 VLEP

# BUTYL BUTYRYL LACTATE

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

VLEP (8h) mg/m<sup>3</sup> (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 : 7492-70-8

## **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 : 2918 11 00 00

Tunnel codes ADR : /

Shelf life : 47 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 : NR Not regulated for transport

Maritime Transport IMDG : NR Not regulated for transport

Marine pollutant :

Air Transport IATA : NR Not regulated for transport

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## **LEGISLATION :**

TSCA (Toxic Substances Control Act - USA) : Listed  
RIFM - ID N° : 735  
PICCS (Philippines) : Listed  
NZIoC (New Zealand) : Listed  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
DSL (Canada) : Listed  
JECFA n° : 935  
IECSC (China) : Listed  
FLAVIS : 09.491  
FEMA : 2190  
FDA : 172.515  
ENCS (Japan) n° : (2)-2737  
EINECS (EU) : 231-326-3  
ECSI (Taiwan) : Listed  
ECL (Corée du Sud) n° : KE-03840  
COE (Council of Europe) : 2107  
AICS (Australian Invent. Chem. Subs.) : Listed  
C.A.S : 7492-70-8

## **Labeling :**



ED12 Serious eye damage / eye irritation 2  
SC12 Skin corrosion / irritation 2

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P337+P313 - If eye irritation persists: Get medical advice/attention.