

**PCW**

PARFUM COSMETIC WORLD

06130 GRASSE - FRANCE

Tel : +33 (0)4 92 42 35 00 Fax: +33 (0)4 92 42 35 19

Site : www.pcwfrance.com Mail : info@pcwfrance.com

**Technical Data Sheet****BENZYL ISOBUTYRATE**

Manufacture PCW

Reference : BENZYL ISOBUTYRATE

**TECHNICAL DATA**

|                                                   |                                                                                                                                            |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <i>I.N.C.I. :</i>                                 | Benzyl isobutyrate                                                                                                                         |
| <i>Chemical / REACH name :</i>                    | Benzyl isobutyrate                                                                                                                         |
| <i>IUPAC Name :</i>                               | Benzyl 2-Methylpropanoate                                                                                                                  |
| <i>Molecular formula :</i>                        | C11 H14 O2                                                                                                                                 |
| <i>Origine géographique :</i>                     | -                                                                                                                                          |
| <i>Process :</i>                                  | benzyl alcohol + isobutyric acid -> esterification -> distillation -> benzyl isobutyrate                                                   |
| <i>Use of the substance / mixture :</i>           | Industrial use only                                                                                                                        |
| <i>End use :</i>                                  | Fragrances / Cosmetic / Flavours                                                                                                           |
| <i>CAS number :</i>                               | 103-28-6                                                                                                                                   |
| <i>Ionization :</i>                               | Not submitted to a processing of ionization                                                                                                |
| <i>GMO (Reg (EC) 1829/2003 &amp; 1830/2003) :</i> | Does not contain/consist of and/or is not derived from/produced with the help of genetically modified organisms or derivative ingredients. |
| <i>Density at 25°C :</i>                          | [0.995 ; 1.010]                                                                                                                            |
| <i>Skin irritation :</i>                          | No data                                                                                                                                    |
| <i>Eyes irritation :</i>                          | No data                                                                                                                                    |
| <i>Ref code :</i>                                 | IBUB-1                                                                                                                                     |
| <i>Nanomaterials :</i>                            | Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE                                      |

**ANALYTICAL DATA**

|                                       |                       |
|---------------------------------------|-----------------------|
| <i>Appearance :</i>                   | Liquid                |
| <i>Colour :</i>                       | Colourless            |
| <i>Odour :</i>                        | Fruity, floral, fatty |
| <i>Refractive index at 20°C :</i>     | [1.480 ; 1.495]       |
| <i>Boiling point (°C) :</i>           | 238                   |
| <i>Flash point (°C) (close cup) :</i> | >100                  |
| <i>Purity (%) :</i>                   | [98.5 ; 100]          |
| <i>LD50 Dermal (rabbit) :</i>         | No data               |

**COSMETIC REGULAR DATA**

|                          |      |
|--------------------------|------|
| <i>Anti-oxydant(s) :</i> | None |
|--------------------------|------|

# BENZYL ISOBUTYRATE

|                                           |                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| <i>Statut kosher :</i>                    | In compliance with kosher requirements                                                           |
| <i>Halal status :</i>                     | Complies with halal requirements                                                                 |
| <i>Palm oil or palm oil derivatives :</i> | Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives. |
| <i>Animal testing :</i>                   | This product was not tested on animals.                                                          |
| <i>ISO 9235 :</i>                         | Not concerned                                                                                    |
| <i>ISO 16128 :</i>                        | 0% of natural origin                                                                             |

## **REGULAR DATA FLAVOURS**

|                                                 |                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------|
| <i>Natural status (Reg. 1334/2008/EC) :</i>     | Flavouring substance                                                     |
| <i>Foodgrade certificate :</i>                  | Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC |
| <i>Bovine Spongiform Encephalopathy (BSE) :</i> | Free of BSE/TSE risks.                                                   |
| <i>Food allergens (Reg. 1169/2011/EC) :</i>     | None                                                                     |
| <i>Vegan :</i>                                  | Compliant with vegan principles                                          |

## **TRANSPORT - HANDLING - STORAGE**

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| <i>Custom tariff :</i>      | 2915 60 19 90                                                                                             |
| <i>Shelf life :</i>         | 12 months, according to storage conditions                                                                |
| <i>Precautions of use :</i> | Avoid any direct contact with the product.                                                                |
| <i>Storage :</i>            | Store at 25°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air. |

## **LEGISLATION :**

AICS (Australian Invent. Chem. Subs.) : Listed  
DSL (Canada) : Listed  
COE (Council of Europe) : 301  
KECI : KE-02811  
EINECS (EU) : 203-095-9  
ENCS (Japan) n° : (3)-1020, (3)-1045  
FDA : 172.5156  
FEMA : 2141  
FLAVIS : 09.426  
IECSC (China) : Listed  
ISHL (Japan) : Listed  
JECFA n° : 844  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
TCSI (Taiwan) : Listed  
NEPA (China) : CB6164113  
NZIoC (New Zealand) : Listed  
PICCS (Philippines) : Listed  
RIFM - ID N° : 227  
TSCA (Toxic Substances Control Act - USA) : Listed  
C.A.S : 103-28-6