

**PCW**

PARFUM COSMETIC WORLD

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**Technical Data Sheet****GAMMA HEPTALACTONE**

Manufacture PCW

Reference : GAMMA HEPTALACTONE

**TECHNICAL DATA**

|                                         |                                                                                                       |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------|
| <i>I.N.C.I. :</i>                       | Gamma-heptalactone                                                                                    |
| <i>IUPAC Name :</i>                     | Heptan-4-olide                                                                                        |
| <i>Chemical / REACH name :</i>          | Heptan-4-olide                                                                                        |
| <i>Molecular formula :</i>              | C <sub>7</sub> H <sub>12</sub> O <sub>2</sub>                                                         |
| <i>Origine géographique :</i>           | -                                                                                                     |
| <i>Process :</i>                        | -                                                                                                     |
| <i>Use of the substance / mixture :</i> | Industrial use only                                                                                   |
| <i>End use :</i>                        | Fragrances / Cosmetic / Flavours                                                                      |
| <i>Use level max. recom. :</i>          | 1-8%                                                                                                  |
| <i>Skin irritation :</i>                | No data                                                                                               |
| <i>Eyes irritation :</i>                | No data                                                                                               |
| <i>CAS number :</i>                     | 105-21-5                                                                                              |
| <i>Ref code :</i>                       | GHEP/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>                                         | Waxy, creamy, coconut            |
| <i>Density at 25°C :</i>                               | [0.989 ; 0.996]                  |
| <i>Refractive index at 20°C :</i>                      | [1.439 ; 1.445]                  |
| <i>Boiling point (°C) :</i>                            | 230                              |
| <i>Flash point (°C) (close cup) :</i>                  | 105                              |
| <i>Purity (%) :</i>                                    | [98.0 ; 100]                     |
| <i>Endocrine disruptors – health and environment :</i> | No contains endocrine disruptors |

**COSMETIC REGULAR DATA**

|                          |                                        |
|--------------------------|----------------------------------------|
| <i>Anti-oxydant(s) :</i> | None                                   |
| <i>Statut kosher :</i>   | In compliance with kosher requirements |

# GAMMA HEPTALACTONE

|                                           |                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| <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>                  | In compliance with Regulation (EC) 1334/2008 |
| <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>      | 2932 20 60 00                                                                                             |
| <i>Shelf life :</i>         | 30 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) : 2253  
KECI : KE-10739  
EINECS (EU) : 203-279-9  
ENCS (Japan) n° : (9)-137  
FDA : 172.515  
FEMA : 2539  
FLAVIS : 10.020  
IECSC (China) : Listed  
ISHL (Japan) : Listed  
JECFA n° : 225  
NEPA (China) : CB8461603  
NZIoC (New Zealand) : Not listed  
PICCS (Philippines) : Listed  
RIFM - ID N° : 895  
C.A.S : 105-21-5