

**PCW**

45 Boulevard Marcel PAGNOL

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****DULCINYL**

Manufacture PCW

Reference : DULCINYL

**1 - TECHNICAL DATA**

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| <i>I.N.C.I. :</i>                       | Piperonyl acetone                              |
| <i>IUPAC Name :</i>                     | 4-(1,3-Benzodioxol-5-yl)butan-2-one            |
| <i>Chemical / REACH name :</i>          | 4-(1,3-benzodioxol-5-yl)butan-2-one            |
| <i>Synonyms :</i>                       | Dulcinyll ; Heliotropinone ; Piperonal acetone |
| <i>Molecular formula :</i>              | C11 H12 O3                                     |
| <i>Molecular weight :</i>               | 192,21                                         |
| <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>                   | Solid                                  |
| <i>Color :</i>                        | Off-white to tan                       |
| <i>Odour :</i>                        | Conform to the commercial description. |
| <i>Density at 20°C :</i>              | -                                      |
| <i>Refractive index @ 20°C :</i>      | -                                      |
| <i>Acid Value :</i>                   | -                                      |
| <i>Melting point (°C) :</i>           | 47                                     |
| <i>Boiling point (°C) :</i>           | -                                      |
| <i>Flash point (°C) (close cup) :</i> | >100                                   |
| <i>Ignition temperature :</i>         | -                                      |
| <i>Purity (%) :</i>                   | [99 ; 100]                             |
| <i>Impurities &gt;0.01% :</i>         | -                                      |

**1.5 VLEP**

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

# DULCINYL

VLEP (8h) mg/m3 (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 : -  
Hallal status : -  
CAS number : 55418-52-5

## **2.1 - REGULAR DATA FLAVOURS**

Ionization : -  
Natural status (Reg. 1334/2008/EC) : Flavouring substance  
REG. 872/2012 CE Annex 1 : Listed  
Foodgrade certificate : Complies with the requirements of Regulations 1334/2008/EC & 872/2012/EC  
Genetically Modified Organisms (GMO) : Does not result / does not contain GMO  
Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

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

Custom tariff : 2932 99 00 90  
Tunnel codes ADR : /  
Shelf life : 36 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

# DULCINYL

## **LEGISLATION :**

ECL (Corée du Sud) n° : Not listed  
ECSI (Taiwan) : Listed  
ISHL (Japan) : Not listed  
FDA : Not listed  
ENCS (Japan) n° : (5)-515  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
DSL (Canada) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
PICCS (Philippines) : Listed  
TSCA (Toxic Substances Control Act - USA) : Listed  
NZIoC (New Zealand) : Listed  
IECSC (China) : Listed  
COE (Council of Europe) : 165  
FLAVIS : 07.031  
NEPA (China) : CB6164113  
JECFA n° : 2048  
FEMA : 2701  
C.A.S : 55418-52-5

## **Labeling :**

H000 - Not classified according to the Regulation 1272/2008/EC