

**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****GERANYL ACETATE NATUREL**

Manufacture PCW

Reference : GERANYL ACETATE NATUREL

**1 - TECHNICAL DATA**

|                                         |                                                                           |
|-----------------------------------------|---------------------------------------------------------------------------|
| <i>Ref code :</i>                       | AGNAT-1                                                                   |
| <i>I.N.C.I. :</i>                       | Geranyl acetate                                                           |
| <i>Botanical name :</i>                 | Manihot esculenta and Cymbopogon Martinii var. Motia                      |
| <i>Description :</i>                    | Reaction between natural acetic acid and natural geraniol by distillation |
| <i>Origin raw material :</i>            | 100% natural (Plant source)                                               |
| <i>Use of the substance / mixture :</i> | Industrial use only                                                       |
| <i>End use :</i>                        | Fragrances / Cosmetic / Flavours                                          |
| <i>Use level max. recom. :</i>          | -                                                                         |
| <i>Molecular formula :</i>              | C <sub>12</sub> H <sub>20</sub> O <sub>2</sub>                            |
| <i>Water solubility :</i>               | No                                                                        |
| <i>Molecular weight :</i>               | 196.29                                                                    |

**1.1 - ANALYTICAL DATA**

|                                       |                          |
|---------------------------------------|--------------------------|
| <i>Appearance :</i>                   | Liquid                   |
| <i>Color :</i>                        | Colorless to pale yellow |
| <i>Odour :</i>                        | Floral, pink, green      |
| <i>Density at 20°C :</i>              | [0.900 ; 0.916]          |
| <i>Refractive index @ 20°C :</i>      | [1.458 ; 1.464]          |
| <i>Optical rotation (°) :</i>         | -                        |
| <i>Boiling point (°C) :</i>           | [240 ; 245]              |
| <i>Flash point (°C) (close cup) :</i> | 104-110                  |
| <i>Peroxides value mmol/kg :</i>      | -                        |
| <i>Purity (%) :</i>                   | 95                       |
| <i>Viscosity :</i>                    | 2.47 mPa.s @20°C         |

**2 - COSMETIC REGULAR DATA**

|                                    |                       |
|------------------------------------|-----------------------|
| <i>Reg. 1223/2009 &amp; mod. :</i> | See certificate       |
| <i>Allergens SCCNFP List :</i>     | See certificate       |
| <i>CMR (Reg. 1223/2009/EEC) :</i>  | See certificate       |
| <i>IFRA :</i>                      | Restricted (50th Am.) |
| <i>Statut kosher :</i>             | Certified             |

# GERANYL ACETATE NATUREL

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Halal status :</i>                              | Certified                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <i>ISO 9235 :</i>                                  | Natural flavouring substances and preparations in accordance with Regulation (EC) No 1334/2008 Art 3.2(c)                                                                                                                                                                                                                                                                                                                                                            |
| <i>ISO 16128 :</i>                                 | Ingredients derived from natural materials are cosmetic ingredients, for a proportion of more than 50% of natural origin, by their molecular weight, according to their content of more than 50% of natural origin, by molecular weight, by renewable carbon content, or by any other content, or by any other appropriate method, which are obtained by defined chemical and/or biological processes chemical and/or biological processes to modify them chemically |
| <i>CAS number :</i>                                | 105-87-3                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <i>Animal testing :</i>                            | This product was not tested on animals.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <i>Nanoparticle :</i>                              | Not concerned                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <i>LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) :</i> | 100%                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## **2.1 - REGULAR DATA FLAVOURS**

|                                                 |                                             |
|-------------------------------------------------|---------------------------------------------|
| <i>Natural status (Reg. 1334/2008/EC) :</i>     | Natural flavouring substance                |
| <i>Food allergens (Reg. 1169/2011/EC) :</i>     | None                                        |
| <i>Bovine Spongiform Encephalopathy (BSE) :</i> | -                                           |
| <i>Genetically Modified Organisms (GMO) :</i>   | Does not result / does not contain GMO      |
| <i>Ionization :</i>                             | Not submitted to a processing of ionization |
| <i>Vegan :</i>                                  | Yes                                         |

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

|                             |                                            |
|-----------------------------|--------------------------------------------|
| <i>Tunnel codes ADR :</i>   | /                                          |
| <i>Shelf life :</i>         | 24 months, according to storage conditions |
| <i>Custom tariff :</i>      | 2915 39 00 90                              |
| <i>Precautions of use :</i> | Avoid any direct contact with the product. |

### **4.1 - STORAGE**

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| <i>Storage :</i> | Store at 30°C max. in tightly sealed original container. Avoid prolonged exposure to light, heat and air. |
|------------------|-----------------------------------------------------------------------------------------------------------|

### **Transport :**

|                                  |                                |
|----------------------------------|--------------------------------|
| <i>Land Transport ADR/RID :</i>  | NR Not regulated for transport |
| <i>Maritime Transport IMDG :</i> | NR Not regulated for transport |
| <i>Marine pollutant :</i>        |                                |
| <i>Air Transport IATA :</i>      | NR Not regulated for transport |

# GERANYL ACETATE NATUREL

## **LEGISLATION :**

AICS (Australian Invent. Chem. Subs.) : Listed  
PICCS (Philippines) : Listed  
NZIoC (New Zealand) : Listed  
TSCA (Toxic Substances Control Act - USA) : Listed  
RIFM - ID N° : 134  
COE (Council of Europe) : 201  
FLAVIS : 09.011  
FDA : 172.510  
FEMA : 2509  
JECFA n° : 58  
NEPA (China) : CB5334054  
EINECS (EU) : 203-341-5  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
KECI : KE-11608  
ENCS (Japan) n° : (2)-2535  
ISHL (Japan) : Not listed  
TCSI (Taiwan) : Not listed  
IECSC (China) : Listed  
DSL (Canada) : Listed  
C.A.S : 105-87-3

## **Labeling :**



EHC3 Hazardous to the aquatic environment, long-term hazard 3  
SCI2 Skin corrosion / irritation 2  
SS1 Sensitisation skin 1

H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H412 - Harmful to aquatic life with long lasting effects.

P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.