

**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****MUSK C14**

Manufacture PCW

Reference : MUSK C14

**TECHNICAL DATA**

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| <i>I.N.C.I. :</i>                                 | Ethylene dodecanedioate                     |
| <i>IUPAC Name :</i>                               | 1,4-Dioxacyclohexadecane-5,16-Dione         |
| <i>Chemical / REACH name :</i>                    | 2,5-dioxacyclohexadecane-1,6-dione          |
| <i>Molecular formula :</i>                        | C14 H24 O4                                  |
| <i>Origine géographique :</i>                     | China                                       |
| <i>Process :</i>                                  | -                                           |
| <i>Use of the substance / mixture :</i>           | Industrial use only                         |
| <i>End use :</i>                                  | Fragrances / Cosmetic                       |
| <i>CAS number :</i>                               | 54982-83-1                                  |
| <i>Nanomaterials :</i>                            | Not concerned                               |
| <i>Ionization :</i>                               | Not submitted to a processing of ionization |
| <i>GMO (Reg (EC) 1829/2003 &amp; 1830/2003) :</i> | Does not result / does not contain GMO      |

**ANALYTICAL DATA**

|                                       |                           |
|---------------------------------------|---------------------------|
| <i>Appearance :</i>                   | Liquid                    |
| <i>Colour :</i>                       | Colourless to pale yellow |
| <i>Odour :</i>                        | Animal, Musky             |
| <i>Density at 20°C :</i>              | [1.049 ; 1.063]           |
| <i>Refractive index @ 20°C :</i>      | [1.465 ; 1.473]           |
| <i>Flash point (°C) (close cup) :</i> | 166                       |
| <i>Purity (%) :</i>                   | > 98.0%                   |
| <i>Viscosity :</i>                    | 0.097 mPa.s @ 20°C        |

**COSMETIC REGULAR DATA**

|                                    |                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| <i>Anti-oxydant(s) :</i>           | Not added directly                                                                               |
| <i>Huile de palme ou dérivés :</i> | Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives. |
| <i>ISO 16128 :</i>                 | 0% d'origine naturelle                                                                           |

**REGULAR DATA FLAVOURS**

|                                             |   |
|---------------------------------------------|---|
| <i>Natural status (Reg. 1334/2008/EC) :</i> | - |
|---------------------------------------------|---|

## MUSK C14

|                                                 |                                                                                                           |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <i>Foodgrade certificate :</i>                  | Not certified                                                                                             |
| <i>Bovine Spongiform Encephalopathy (BSE) :</i> | Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process |
| <i>Vegan :</i>                                  | Does not contain ingredient from animal origin                                                            |

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

|                             |                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <i>Custom tariff :</i>      | 2932 20 90 90                                                                                                           |
| <i>Shelf life :</i>         | 24 months, according to storage conditions                                                                              |
| <i>Precautions of use :</i> | No data                                                                                                                 |
| <i>Storage :</i>            | Store in cool place (10°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air. |

### **LEGISLATION :**

FEMA : Not listed  
FDA : Not listed  
FLAVIS : Not listed  
NEPA (China) : CB0452373  
TCSI (Taiwan) : Listed  
KECI : KE 2009-3-4172  
IECSC (China) : Listed  
PICCS (Philippines) : Listed  
TSCA (Toxic Substances Control Act - USA) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
ENCS (Japan) n° : Listed  
DSL (Canada) : Listed  
EINECS (EU) : 259-423-6  
COE (Council of Europe) : Not listed  
NZIoC (New Zealand) : Listed  
RIFM - ID N° : 7  
C.A.S : 54982-83-1