

**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**MELONAL**

Manufacture PCW

Reference : MELONAL

TECHNICAL DATA

<i>IUPAC Name :</i>	2,6-Dimethylhept-5-enal
<i>I.N.C.I. :</i>	Dimethyl heptenal
<i>Chemical / REACH name :</i>	2,6-Dimethyl-5-heptenal
<i>Origine géographique :</i>	India
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Molecular formula :</i>	C9 H16 O
<i>Ref code :</i>	MEL-1
<i>CAS number :</i>	106-72-9
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>GMO (Reg (EC) 1829/2003 & 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>Ionization :</i>	Not submitted to a processing of ionization

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Pale yellow to yellow
<i>Odour :</i>	Powerful, green, melon, cucumber like.
<i>Relative density @ 25°C :</i>	[0.845 ; 0.852]
<i>Indice de réfraction à 25°C :</i>	[1.439 ; 1.444]
<i>Flash point (°C) (close cup) :</i>	66
<i>Peak #1 (%) :</i>	[(6-Methyl-5-hepten-2-one) : 9% ; 10%]
<i>Peak #2 (%) :</i>	[(2,6-Dimethyl-5-heptenal) : 85% min. ; 100%]
<i>Somme of isomers (by G.C.) (%) :</i>	[95.0 ; 100.0]
<i>Purity (%) :</i>	[85.0 ; 100.0]
<i>Refractive index @ 20°C :</i>	[1.441 ; 1.447]
<i>Densité à 20/4°C :</i>	[0.849 ; 0.856]

ANALYTICAL DATA SPECIFIC

Zinc (Zn) : < 50 ppm

MELONAL

Methylmercury : < 0.25 ppm

Copper (Cu) : < 30 ppm

COSMETIC REGULAR DATA

Anti-oxydant(s) : 0.1% a-Tocopherol

Statut kosher : In compliance with kosher requirements

Halal status : Complies with halal requirements

Animal testing : In accordance with Article 18 of the Cosmetic Regulation (EC) No 1223/2009

Huile de palme ou dérivés : Ne contient pas d'huile de palme, de dérivés de l'huile de palme, d'huile de palmiste ni de dérivés d'huile de palmiste.

ISO 16128 : 0% of natural origin

REGULAR DATA FLAVOURS

Natural status (Reg. 1334/2008/EC) : Flavouring substances

Foodgrade certificate : In compliance with Regulation (EC) 1334/2008

Food allergens (Reg. 1169/2011/EC) : None

Bovine Spongiform Encephalopathy (BSE) : Free of BSE/TSE risks as no materials of animal origin are used at any stage in the manufacturing process

Vegan : Ne contient pas d'ingrédient d'origine animale.

TRANSPORT - HANDLING - STORAGE

Shelf life : 24 months, according to storage conditions

Custom tariff : 2912 19 00 00

Precautions of use : Avoid any direct contact with the product.

Storage : Keep under Nitrogen, at cool temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.

LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed

DSL (Canada) : Listed

COE (Council of Europe) : 2006c

KECI : 2011-3-5002

EINECS (EU) : 203-427-2

ENCS (Japan) n° : 2-4210

FDA : 172.515

FEMA : 2389

FLAVIS : 05.074

IECSC (China) : Listed

ISHL (Japan) : 2-(8)-726

JECFA n° : 349

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

TCSI (Taiwan) : Listed

NEPA (China) : CB3434408

NZIoC (New Zealand) : Listed

PICCS (Philippines) : Listed

RIFM - ID N° : 504

Swiss Giftliste 1 : Not listed

TSCA (Toxic Substances Control Act - USA) : Listed

C.A.S : 106-72-9 77787-60-1