

**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**MELOLAL**

Manufacture PCW

Reference : MELOLAL

1 - 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>Synonyms :</i>	Melolal ; Melonal ; Melon Touch
<i>Origin raw material :</i>	Synthetic
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Molecular formula :</i>	C ₉ H ₁₆ O
<i>Molecular weight :</i>	140.23
<i>Anti-oxydant(s) :</i>	0.05 % α-Tocopherol
<i>Use level max. recom. :</i>	-
<i>Solubility in alcohol (°) :</i>	Yes
<i>Water solubility :</i>	No 212 mg/L @ 25°C (litt.)

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</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>Acid Value :</i>	[0 ; 2.0 mg KOH/g]
<i>Melting point (°C) :</i>	-
<i>Boiling point (°C) :</i>	65 @ 9 mmHg / 80 @ 19 mmHg
<i>Flash point (°C) (close cup) :</i>	66
<i>Ignition temperature :</i>	-
<i>Peak #1 (%) :</i>	[(6-Methyl-5-hepten-2-one) : 9% ; 10%]
<i>Peak #2 (%) :</i>	(2,6-Dimethyl-5-heptenal) : 85% min.
<i>Somme of isomers (by G.C.) (%) :</i>	95% min.
<i>Purity (%) :</i>	Main isomer 85% min.

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1.2 - ANALYTICAL DATA SPECIFIC

Arsenic (As) :	< 1.1 ppm
Zinc (Zn) :	< 50 ppm
Cadmium (Cd) :	< 1.5 ppm
Lead (Pb) :	< 2.5 ppm
Methylmercury :	< 0.25 ppm
Copper (Cu) :	< 30 ppm

1.5 VLEP

VLEP short term mg/m3 (98/24/CE) :	No data
VLEP (8h) mg/m3 (98/24/CE) :	No data

2 - COSMETIC REGULAR DATA

Statut kosher :	Certified
Hallal status :	Not certified
CAS number :	106-72-9
Allergens SCCNFP List :	See certificate
IFRA :	No restrictions (49th Am.)
Reg. 1223/2009 & mod. :	See certificate
VOC Swiss - Annex 1 :	Not listed
Low VOC (CARB) :	100%
CMR (Reg. 1223/2009/EEC) :	See certificate

2.1 - REGULAR DATA FLAVOURS

Natural status (Reg. 1334/2008/EC) :	Flavouring substances
REG. 872/2012 CE Annex 1 :	Listed
Foodgrade certificate :	Certified
Food allergens (Reg. 1169/2011/EC) :	None
Genetically Modified Organisms (GMO) :	Does not result / does not contain GMO
Ionization :	Not submitted to a processing of ionization
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

Shelf life :	24 months, according to storage conditions
Custom tariff :	2912 19 00 00
Tunnel codes ADR :	/
Precautions of use :	Avoid any direct contact with the product.

4.1 - STORAGE

Storage :	Store in cool and dry place, in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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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

MELOLAL

LEGISLATION :

NZIoC (New Zealand) : Listed
ENCS (Japan) n° : Not listed
NEPA (China) : CB3434408
AICS (Australian Invent. Chem. Subs.) : Listed
EINECS (EU) : 203-427-2
JECFA n° : 349
RIFM - ID N° : 504
FLAVIS : 05.074
FEMA : 2389
FDA : 172.515
EPA N° : Not listed
ECL (Corée du Sud) n° : 2011-3-5002
COE (Council of Europe) : 2006c
ECSI (Taiwan) : Listed
DSL (Canada) : Listed
ISHL (Japan) : Not listed
IECSC (China) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
Swiss Giftliste 1 : Not listed
PICCS (Philippines) : Listed
C.A.S : 106-72-9 77787-60-1

Labeling :

R0:Not classified according to Directive 67/548/EEC (EU DSD)