

**PCW**

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Technical Data Sheet**MDJ (BHT FREE)**

Manufacture PCW

Reference : MDJ (BHT FREE)

1 - TECHNICAL DATA

<i>IUPAC Name :</i>	Methyl (1R-trans)-3-oxo-2-pentylcyclopentaneacetate
<i>I.N.C.I. :</i>	Methyl dihydrojasmonate
<i>Chemical / REACH name :</i>	Methyl-(2-pentyl-3-oxocyclopentan-1yl) acetate
<i>Synonyms :</i>	Jasminone; Methyl dihydrojasmonate; Hedione; MDJ
<i>Molecular formula :</i>	C13 H22 O3
<i>Molecular weight :</i>	226.31
<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 574 mg/L @20°C
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to clear yellow
<i>Odour :</i>	Powerfull, Floral, Jasmine, Citrus
<i>Density at 20°C :</i>	[0.998 ; 1.006]
<i>Refractive index @ 20°C :</i>	[1.457 ; 1.461]
<i>Optical rotation (°) :</i>	-
<i>Acid Value :</i>	[0 ; 1.0]
<i>Melting point (°C) :</i>	< -20
<i>Flash point (°C) (close cup) :</i>	156
<i>Ignition temperature :</i>	259
<i>Boiling point (°C) :</i>	303
<i>Purity (%) :</i>	98.0% min.
<i>Impurities >0.01% :</i>	Iso-Methyl dihydra Jasmonate 2%
<i>pH-value :</i>	-

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Residual solvent(s) : None

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 : Certified

Allergens SCCNFP List : See certificate

Reg. 1223/2009 & mod. : See certificate

IFRA : No restrictions (49th Am.)

VOC Swiss - Annex 1 : Not listed

LVP-VOC / INORGANIC / EXEMPTED VOC (CARB) : 100%

CMR (Reg. 1223/2009/EEC) : See certificate

CAS number : 24851-98-7

2.1 - REGULAR DATA FLAVOURS

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

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

Genetically Modified Organisms (GMO) : Does not result / does not contain GMO

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

Ionization : Not submitted to a processing of ionization

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions

Custom tariff : 2918 30 00 90

Tunnel codes ADR : /

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

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LEGISLATION :

ECSI (Taiwan) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
JECFA n° : 1898
ISHL (Japan) : Not listed
IECSC (China) : Listed
FLAVIS : 09.520
FEMA : 3408
FDA : Listed
EPA N° : Not listed
PICCS (Philippines) : Listed
ENCS (Japan) n° : (3)-3309
EINECS (EU) : 246-495-9
ECL (Corée du Sud) n° : KE-27632
COE (Council of Europe) : 10785
DSL (Canada) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB9377525
AICS (Australian Invent. Chem. Subs.) : Listed
RIFM - ID N° : 850
TSCA (Toxic Substances Control Act - USA) : Listed
Swiss Giftliste 1 : Not listed
C.A.S : 24851-98-7

Labeling :

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