

**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**CITRONELLAL**

Manufacture PCW

Reference : CITRONELLAL

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Citronellal
<i>IUPAC Name :</i>	3,7-dimethyl-6-octenal
<i>Chemical / REACH name :</i>	Citronellal
<i>Synonyms :</i>	-
<i>Molecular formula :</i>	C ₁₀ H ₁₈ O
<i>Molecular weight :</i>	154
<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
<i>Solubility in alcohol (°) :</i>	Yes

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colorless to pale yellow
<i>Odour :</i>	Citrus, citronella, herbal, rose
<i>Density at 20°C :</i>	[0.845 ; 0.861]
<i>Refractive index @ 20°C :</i>	[1.446 ; 1.456]
<i>Acid Value :</i>	0
<i>Melting point (°C) :</i>	<-20
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	77
<i>Ignition temperature :</i>	-
<i>Somme of isomers (by G.C.) (%) :</i>	96.0%
<i>Impurities >0.01% :</i>	-
<i>Optical rotation (°) :</i>	[-1 ; +11]
<i>Relative density @ 25°C :</i>	[0.847 ; 0.857]

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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

VOC Swiss - Annex 1 : Not listed

Low VOC (CARB) : 100%

Reg. 1223/2009 & mod. : See certificate

Allergens SCCNFP List : See certificate

IFRA : Restricted (49th Am.)

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

Statut kosher : Certified

Hallal status : In compliance with the religious concepts

CAS number : 106-23-0

Nanoparticle : Not concerned

2.1 - REGULAR DATA FLAVOURS

Ionization : -

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

REG. 872/2012 CE Annex 1 : Listed

Foodgrade certificate : Certified

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

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

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

4 - TRANSPORT - HANDLING - STORAGE

Custom tariff : 2912 19 00 90

Tunnel codes ADR : /

Shelf life : 24 months, according to storage conditions

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 :

TSCA (Toxic Substances Control Act - USA) : Listed
NEPA (China) : CB3715673
ENCS (Japan) n° : (2) -514
ISHL (Japan) : Not listed
JECFA n° : 1220
COE (Council of Europe) : 110
FLAVIS : 05.021
ECSI (Taiwan) : Listed
IECSC (China) : Listed
ECL (Corée du Sud) n° : KE-11656
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
Swiss Giftliste 1 : Listed
EINECS (EU) : 203-376-6
FEMA : 2307
FDA : 172.515
RIFM - ID N° : 156
C.A.S : 106-23-0