

**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**ORANGE TERPENES**

Manufacture PCW

Reference : ORANGE TERPENES

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Citrus Aurantium dulcis Extract
<i>Botanical name :</i>	Citrus Aurantium dulcis
<i>Description :</i>	Orange sweet, ext. (Orange oil, sweet, terpenes and terpenoids)
<i>Origin raw material :</i>	100% natural (Vegetable source)
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Solubility in alcohol (°) :</i>	Yes
<i>Anti-oxydant(s) :</i>	None
<i>Use level max. recom. :</i>	-

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to pale yellow
<i>Odour :</i>	Characteristic, Orange, Hesperidy
<i>Density at 20°C :</i>	[0.839 ; 0.845]
<i>Refractive index @ 20°C :</i>	[1.469 ; 1.475]
<i>Optical rotation (°) :</i>	[+98.0 ; +103.5]
<i>Flash point (°C) (close cup) :</i>	51
<i>Purity (%) :</i>	[95.0 ; 100.0]
<i>Viscosity :</i>	18 mm ² /s
<i>Peroxides value mmol/kg :</i>	<= 10 mmol/l
<i>Boiling point (°C) :</i>	175

1.5 VLEP

<i>VLEP Germany :</i>	5989-27-5 (R)-p-mentha-1,8-diene : AGW Long-term value: 28 mg/m ³ , 5 ppm 4(II);H, Sh, Y, DFG
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2 - COSMETIC REGULAR DATA

<i>Statut kosher :</i>	Certified
<i>Halal status :</i>	-
<i>AFNOR / ISO :</i>	/

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<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	No restrictions (50th Am.)
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>CAS number :</i>	8028-48-6 / 68647-72-3 / 8008-57-9

2.1 - REGULAR DATA FLAVOURS

<i>Natural status (Reg. 1334/2008/EC) :</i>	Natural flavouring substance
<i>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Genetically Modified Organisms (GMO) :</i>	Does not result / does not contain GMO
<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>Foodgrade certificate :</i>	Complies with the requirements of Regulation 1334/2008/EC
<i>Ionization :</i>	Not submitted to a processing of ionization

4 - TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	6 months in its original packaging, well filled, sealed, kept under the conditions of storage.
<i>Custom tariff :</i>	3301 90 10 00
<i>Tunnel codes ADR :</i>	D/E

4.1 - STORAGE

<i>Storage :</i>	Store in cool place (10°C max.), in tightly sealed original container. Avoid prolonged exposure to light, heat and air.
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Transport :

<i>Land Transport ADR/RID :</i>	1993 FLAMMABLE LIQUID, N.O.S.(D-limonene), 3, III
<i>Maritime Transport IMDG :</i>	1993 FLAMMABLE LIQUID, N.O.S.(D-limonene), 3, III
<i>Marine pollutant :</i>	Yes
<i>Air Transport IATA :</i>	1993 FLAMMABLE LIQUID, N.O.S.(D-limonene), 3, III

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LEGISLATION :

AICS (Australian Invent. Chem. Subs.) : Listed
DSL (Canada) : Listed
COE (Council of Europe) : 143
KECI : KE-33177
EINECS (EU) : 232-433-8
FDA : 182.20
FEMA : 2825
FLAVIS : Not listed
JECFA n° : Not listed
PICCS (Philippines) : Listed
TSCA (Toxic Substances Control Act - USA) : 8028-48-6
C.A.S : 8028-48-6 68647-72-3 8008-57-9

Labeling :



Symbol: F
R10:Flammable.



Symbol: Xn
R65:Harmful: May cause lung damage if swallowed.
R43:May cause sensitization by skin contact.
R38:Irritating to skin.



Symbol: N
R50-53:Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S62:If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.
S37:Wear suitable gloves.
S60:This material and its container must be disposed of as hazardous waste.
S24:Avoid contact with skin.