

**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**MANDARINE ESS WATERWHITE**

Manufacture PCW

Reference : MANDARINE ESS WATERWHITE

TECHNICAL DATA

<i>I.N.C.I. :</i>	Citrus nobilis peel oil expressed
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Description :</i>	Essential oil extracted by cold pression from the outer part of fresh Mandarin peel and consequently submitted to new LA MACHINA technology to be decolorized and dewaxed.
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	8008-31-9/84929-38-4
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO
<i>Ref code :</i>	MWH-1
<i>Origine géographique :</i>	Italy
<i>Nanomaterials :</i>	Does not contain nanomaterials as defined in Regulation (EC) 1223/2009 and Recommendation 2011/696/UE
<i>Ionization :</i>	Not submitted to a processing of ionization

ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Colour :</i>	Colorless to very light amber
<i>Odour :</i>	Caractéristique Mandarin, Fruity
<i>Densité à 20/4°C :</i>	[0.838 ; 0.848]
<i>Refractive index n (20/D) :</i>	[1.468 ; 1.478]
<i>Optical rotation (°) :</i>	[+72.0 ; +82.0]
<i>Flash point (°C) (close cup) :</i>	51
<i>Density at 20°C :</i>	[0.839 ; 0.849]
<i>Relative density @ 25°C :</i>	[0.837 ; 0.847]

ANALYTICAL DATA SPECIFIC

<i>Furocoumarins :</i>	None
<i>Pesticides résiduels :</i>	In compliance with the European Regulation 396/2005 and its Amendments, concerning Pesticides
<i>Heavy metal :</i>	Arsenic < 3 mg/kg Cadmium < 1 mg/kg Mercury < 1mg/kg Lead < 10mg/kg

MANDARINE ESS WATERWHITE

COSMETIC REGULAR DATA

<i>Halal status :</i>	Complies with halal requirements
<i>Statut kosher :</i>	In compliance with kosher requirements
<i>ISO 9235 :</i>	This product is a 100% natural essential oil obtained by physical processes only from a botanical source. Complies with the ISO 9235:2013 standard.
<i>ISO 16128 :</i>	The Natural Index is: In= 1. The Natural Origin Index is: Ino= 1.
<i>Animal testing :</i>	This product was not tested on animals.
<i>Palm oil or palm oil derivatives :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.

REGULAR DATA FLAVOURS

<i>Food allergens (Reg. 1169/2011/EC) :</i>	None
<i>Natural status (Reg. 1334/2008/EC) :</i>	Flavouring preparation
<i>Bovine Spongiform Encephalopathy (BSE) :</i>	Free of BSE/TSE risks.
<i>Vegan :</i>	Does not contain ingredient from animal origin
<i>Foodgrade certificate :</i>	In compliance with Regulation (EC) 1334/2008

TRANSPORT - HANDLING - STORAGE

<i>Shelf life :</i>	12 months, according to storage conditions
<i>Custom tariff :</i>	3301 19 20 00
<i>Storage :</i>	Store under nitrogen, at room temperature (between 5-21°C), out of direct sunlight, in a dry, well-ventilated place
<i>Precautions of use :</i>	Avoid any direct contact with the product.

LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 250-G2.23
PICCS (Philippines) : Listed
AICS (Australian Invent. Chem. Subs.) : Listed
COE (Council of Europe) : 142
KECI : KE-27033
TCSI (Taiwan) : Listed
EINECS (EU) : 284-521-0
ENCS (Japan) n° : Not listed
FDA : 182.20
FEMA : 2657
FLAVIS : Listed
IECSC (China) : Listed
ISHL (Japan) : Not listed
JECFA n° : Not listed
DSL (Canada) : Listed
NEPA (China) : CB6273613
NZIoC (New Zealand) : Listed
C.A.S : 8008-31-9 84929-38-4