

**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**GRAPEFRUIT RECO 100% NATUREL**

Manufacture PCW

Reference : GRAPEFRUIT RECO 100% NATUREL

TECHNICAL DATA

<i>I.N.C.I. :</i>	Citrus species peel oil expressed
<i>Description :</i>	Citrus Species Peel Oil Expressed is an essential oil expressed from the epicarps of different Citrus spp., Rutaceae
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>CAS number :</i>	94266-47-4
<i>GMO (Reg (EC) 1829/2003 & 1830/2003) :</i>	Does not result / does not contain GMO
<i>Ref code :</i>	GP100-1
<i>Origine géographique :</i>	Various
<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>	Colourless to yellow
<i>Odour :</i>	Characteristic, Grapefruit
<i>Densité à 20/4°C :</i>	[0.837 ; 0.852]
<i>Refractive index n (20/D) :</i>	[1.4675 ; 1.4780]
<i>Optical rotation (°) :</i>	[+85.00 ; +105.00]
<i>Flash point (°C) (close cup) :</i>	49

COSMETIC REGULAR DATA

<i>Statut kosher :</i>	Certified
<i>Halal status :</i>	Certified
<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>Huile de palme ou dérivés :</i>	Does not contain palm oil, palm oil derivatives, palm kernel oil or palm kernel oil derivatives.
<i>Carbon Footprint :</i>	0.7946 kg CO ₂ eq/kg

GRAPEFRUIT RECO 100% NATUREL

REGULAR DATA FLAVOURS

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

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

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

Vegan : Does not contain ingredient from animal origin

Foodgrade certificate : In compliance with Regulation (EC) 1334/2008

TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions

Custom tariff : 3302 90 90 00

Storage : Keep under Nitrogen, at cool temperature (max 18°C). Avoid prolonged exposure to light, humidity and air.

Precautions of use : Avoid any direct contact with the product.

LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Not listed

RIFM - ID N° : 7200

PICCS (Philippines) : Listed

NZIoC (New Zealand) : Listed

NEPA (China) : CB2882473

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed

DSL (Canada) : Not listed

JECFA n° : Not listed

ISHL (Japan) : Not listed

IECSC (China) : Listed

FEMA : 2318

FDA : 182.20

ENCS (Japan) n° : Not listed

EINECS (EU) : 304-454-3

TCSI (Taiwan) : Listed

KECI : Not listed

COE (Council of Europe) : Listed

AICS (Australian Invent. Chem. Subs.) : Not listed

C.A.S : 94266-47-4