

**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**BERGAMOTE ESS. FCR 100% NAT.**

Manufacture PCW

Reference : BERGAMOTE ESS. FCR 100% NAT.

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Citrus Aurantium Bergamia Fruit Oil
<i>Botanical name :</i>	Citrus bergamia, Risso et Poiteau
<i>Description :</i>	Essential oil extracted by cold pressing from the outer part of fresh bergamot fruits, then defurocoumarinized, decolorized, and dewaxed
<i>Use of the substance / mixture :</i>	Industrial use only
<i>Origin raw material :</i>	100% Natural (Vegetable source)
<i>Anti-oxydant(s) :</i>	None
<i>Use level max. recom. :</i>	-
<i>End use :</i>	Fragrances / Cosmetic / Flavours

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Colourless to amber
<i>Odour :</i>	Characteristic Bergamote
<i>Densité à 20/4°C :</i>	[0.860 ; 0.875]
<i>Refractive index n (20/D) :</i>	[1.4580 ; 1.4680]
<i>Optical rotation (°) :</i>	[+20 ; +40]
<i>Peroxides value mmol/kg :</i>	[20 mmol/l ; 20]
<i>Flash point (°C) (close cup) :</i>	58°C
<i>Boiling point (°C) :</i>	-

1.2 - ANALYTICAL DATA SPECIFIC

<i>Bergapten :</i>	4ppm max.
<i>Furocoumarins :</i>	30 ppm max.

2 - COSMETIC REGULAR DATA

<i>Statut kosher :</i>	On request
<i>Hallal status :</i>	On request
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	Restricted (49th Am.)
<i>CAS number :</i>	89957-91-5 / 8007-75-8 / 68648-33-9
<i>AFNOR / ISO :</i>	/

BERGAMOTE ESS. FCR 100% NAT.

Reg. 1223/2009 & mod. : See certificate

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

2.1 - REGULAR DATA FLAVOURS

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

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

Genetically Modified Organisms (GMO) : No

Bovine Spongiform Encephalopathy (BSE) : -

4 - TRANSPORT - HANDLING - STORAGE

Shelf life : 12 months, according to storage conditions

Custom tariff : 33029-090-00

Tunnel codes ADR : D/E

4.1 - STORAGE

Storage : Store at 5 - 10°C in tightly sealed original container. Avoid prolonged exposure to light, heat and air.

Transport :

Land Transport ADR/RID : 1169 EXTRACTS, AROMATIC, LIQUID, 3, III

Maritime Transport IMDG : 1169 EXTRACTS, AROMATIC, LIQUID, 3, III

Marine pollutant : No

Air Transport IATA : 1169 EXTRACTS, AROMATIC, LIQUID, 3, III

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LEGISLATION :

TSCA (Toxic Substances Control Act - USA) : Listed
RIFM - ID N° : 1091-G2.33
PICCS (Philippines) : Listed
NZIoC (New Zealand) : Listed
NEPA (China) : CB4913735
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
DSL (Canada) : Listed
JECFA n° : Not listed
ISHL (Japan) : Not listed
IECSC (China) : Listed
FLAVIS : Not listed
FEMA : 2153
FDA : 182.20
EPA N° : Listed
ENCS (Japan) n° : Not listed
EINECS (EU) : 289-612-9
ECSI (Taiwan) : Listed
ECL (Corée du Sud) n° : KE-26831
COE (Council of Europe) : Not listed
AICS (Australian Invent. Chem. Subs.) : Listed
C.A.S : 89957-91-5 8007-75-8 68648-33-9

Labeling :



AH1 Aspiration hazard 1

ED12 Serious eye damage / eye irritation 2

EHA1 Hazardous to the aquatic environment, acute hazard 1



EHC1 Hazardous to the aquatic environment, long-term hazard 1

FL3 Flammable Liquids 3

SC12 Skin corrosion / irritation 2

SS1 Sensitisation skin 1



H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H410 - Very toxic to aquatic life with long lasting effects.



P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

P240+P241 - Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/...equipment.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container according to the local/ regional / national / international Regulation.