

**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**BERGAMOT LOW BERGAPTEN**

Manufacture PCW

Reference : BERGAMOT LOW BERGAPTEN

1 - TECHNICAL DATA

<i>I.N.C.I. :</i>	Citrus aurantium bergamia fruit oil
<i>Botanical name :</i>	Citrus bergamia, RISSO and POITEAU
<i>Use level max. recom. :</i>	-
<i>Description :</i>	Essential oil extracted by cold pressing the outer part of fresh bergamot fruit, then subjected to LA MACCHINA technology to be partially discolored and defurocoumarine.
<i>Use of the substance / mixture :</i>	Industrial use only
<i>End use :</i>	Fragrances / Cosmetic / Flavours
<i>Origin raw material :</i>	100% natural (Plant source)
<i>Ref code :</i>	BESB-1

1.1 - ANALYTICAL DATA

<i>Appearance :</i>	Liquid
<i>Color :</i>	Yellow to yellow/greenish
<i>Odour :</i>	Typical bergamot - zesty and fresh
<i>Densité à 20/4°C :</i>	[0.864 ; 0.874]
<i>Refractive index n (20/D) :</i>	[1.459 ; 1.469]
<i>Optical rotation (°) :</i>	[+18.00 ; +38.00]
<i>Peroxides value mmol/kg :</i>	max. 20
<i>Boiling point (°C) :</i>	-
<i>Flash point (°C) (close cup) :</i>	57

2 - COSMETIC REGULAR DATA

<i>AFNOR / ISO :</i>	/
<i>Statut kosher :</i>	Not certified
<i>Halal status :</i>	Not certified
<i>Reg. 1223/2009 & mod. :</i>	See certificate
<i>Allergens SCCNFP List :</i>	See certificate
<i>IFRA :</i>	Restricted (50th Am.)
<i>CMR (Reg. 1223/2009/EEC) :</i>	See certificate
<i>CAS number :</i>	89957-91-5 / 68648-33-9 / 8007-75-8

2.1 - REGULAR DATA FLAVOURS

BERGAMOT LOW BERGAPTEN

*Food allergens (Reg.
1169/2011/EC) :*

Voir certificat

*Genetically Modified Organisms
(GMO) :*

Does not result / does not contain GMO

*Bovine Spongiform
Encephalopathy (BSE) :*

-

*Natural status (Reg.
1334/2008/EC) :*

Natural flavouring substance

4 - TRANSPORT - HANDLING - STORAGE

Shelf life :

12 months, according to storage conditions

Tunnel codes ADR :

D/E

Custom tariff :

3301 19 20 00

4.1 - STORAGE

Storage :

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

Transport :

Land Transport ADR/RID :

1197 EXTRACTS, LIQUID, 3, III

Maritime Transport IMDG :

1197 EXTRACTS, LIQUID, 3, III

Marine pollutant :

Yes

Air Transport IATA :

1197 EXTRACTS, LIQUID, 3, III

BERGAMOT LOW BERGAPTEN

LEGISLATION :

NDSL/LES (Canada - Non-domestic Substances List) : Not Listed
 NEPA (China) : CB2171157
 NZIoC (New Zealand) : Listed
 DSL (Canada) : Listed
 JECFA n° : Not listed
 TSCA (Toxic Substances Control Act - USA) : Listed
 RIFM - ID N° : 1091-G2.33
 PICCS (Philippines) : Listed
 ISHL (Japan) : Listed
 IECSC (China) : Listed
 FLAVIS : Not listed
 FEMA : 2153
 FDA : 182.20
 ENCS (Japan) n° : Listed
 EINECS (EU) : 289-612-9
 TCSI (Taiwan) : Listed
 KECI : KE-26831
 COE (Council of Europe) : Not listed
 AICS (Australian Invent. Chem. Subs.) : Listed
 C.A.S : 89957-91-5 68648-33-9 8007-75-8

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

REP2 Reproductive toxicity 2



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.

H361 - Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

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.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

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.