

**PCW**

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**Technical Data Sheet****BERGAMOTE CRUDE ITALIA EO**

Manufacture PCW

Reference : BERGAMOTE CRUDE ITALIA EO

**1 - TECHNICAL DATA**

|                                         |                                                                               |
|-----------------------------------------|-------------------------------------------------------------------------------|
| <i>Ref code :</i>                       | BI-2                                                                          |
| <i>I.N.C.I. :</i>                       | Citrus aurantium bergamia peel oil                                            |
| <i>Botanical name :</i>                 | Citrus aurantium bergamia, Rutaceae                                           |
| <i>Description :</i>                    | Obtained by physical means from the outer part of fresh bergamot fruits peel. |
| <i>Origin raw material :</i>            | 100% natural (Plant source)                                                   |
| <i>Use of the substance / mixture :</i> | Industrial use only                                                           |
| <i>End use :</i>                        | Fragrances / Cosmetic / Flavours                                              |
| <i>Use level max. recom. :</i>          | -                                                                             |

**1.1 - ANALYTICAL DATA**

|                                       |                               |
|---------------------------------------|-------------------------------|
| <i>Appearance :</i>                   | Liquid                        |
| <i>Color :</i>                        | Colourless to yellow-greenish |
| <i>Odour :</i>                        | Citrusy                       |
| <i>Densité à 20/4°C :</i>             | [0.860 ; 0.880]               |
| <i>Refractive index n (20/D) :</i>    | [1.460 ; 1.470]               |
| <i>Optical rotation (°) :</i>         | [+20 ; +40]                   |
| <i>Peroxides value mmol/kg :</i>      | =<20                          |
| <i>Boiling point (°C) :</i>           | -                             |
| <i>Flash point (°C) (close cup) :</i> | 56                            |

**2 - COSMETIC REGULAR DATA**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <i>AFNOR / ISO :</i>               | /                                   |
| <i>Reg. 1223/2009 &amp; 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>Statut kosher :</i>             | -                                   |
| <i>Halal status :</i>              | -                                   |
| <i>CAS number :</i>                | 89957-91-5 / 68648-33-9 / 8007-75-8 |

**2.1 - REGULAR DATA FLAVOURS**

# BERGAMOTE CRUDE ITALIA EO

|                                                 |                                        |
|-------------------------------------------------|----------------------------------------|
| <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> | -                                      |
| <i>Natural status (Reg. 1334/2008/EC) :</i>     | Flavouring substance                   |

## **4 - TRANSPORT - HANDLING - STORAGE**

|                           |                                            |
|---------------------------|--------------------------------------------|
| <i>Custom tariff :</i>    | 3301 19 20 00                              |
| <i>Tunnel codes ADR :</i> | D/E                                        |
| <i>Shelf life :</i>       | 12 months, according to storage conditions |

### **4.1 - STORAGE**

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

#### **Transport :**

|                                  |                               |
|----------------------------------|-------------------------------|
| <i>Land Transport ADR/RID :</i>  | 1197 EXTRACTS, LIQUID, 3, III |
| <i>Maritime Transport IMDG :</i> | 1197 EXTRACTS, LIQUID, 3, III |
| <i>Marine pollutant :</i>        | Yes                           |
| <i>Air Transport IATA :</i>      | 1197 EXTRACTS, LIQUID, 3, III |

# BERGAMOTE CRUDE ITALIA EO

## LEGISLATION :

FDA : 182.20  
FEMA : 2153  
JECFA n° : Not listed  
FLAVIS : Not listed  
COE (Council of Europe) : Not listed  
NEPA (China) : CB2171157  
NDSL/LES (Canada - Non-domestic Substances List) : Not Listed  
EINECS (EU) : 289-612-9  
RIFM - ID N° : 1091-G2.5  
KECI : KE-26829  
TCSI (Taiwan) : Listed  
ENCS (Japan) n° : Listed  
ISHL (Japan) : Listed  
DSL (Canada) : Listed  
AICS (Australian Invent. Chem. Subs.) : Listed  
PICCS (Philippines) : Listed  
NZIoC (New Zealand) : Listed  
TSCA (Toxic Substances Control Act - USA) : Listed  
IECSC (China) : 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.