

**TECHNICAL DATA SHEET**  
**BALSAM OF PERU ESSENTIAL OIL**

Effective date: 04.2019

**INFORMATION ON SUBSTANCE / MIXTURE**

I.N.C.I.	<i>Myroxylon balsamum pereirae balsam oil</i>
Country of origin	San Salvador
Manufacturing process	Natural product obtained by co-distillation with Benzyl benzoate
Part used	Balsam (resin)

**TECHNICAL DATA****Physical parameters**

Appearance	Liquid to solid
Color	Light yellow to yellow-orange
Odor	Characteristic
Relative density (d <sub>20</sub> /20)	[1.1050 ; 1.1350]
Refractive index at 20°C	[1.5660 ; 1.5760]
Angular rotation (°)	N.A.
Flash point	100°C

**Chemical parameters**

Analysis method GC-MS

Hydrocarbon content	< 1%
V.O.C. (volatile organic compound) content	N.A.

**Biological parameters**

Aerobic Bacteria (TAMC)	< 100 cfu/g
Yeasts and molds	< 10 cfu/g
Enterobacteriaceae	< 10 cfu/g
Salmonella	Absent in 25g
Escherichia coli	Absent in 1g
Staphylococcus aureus	Absent in 1g

**Contaminants**

Heavy metals	The raw plant material conforms to EC Reg. 629/2008 Because of the concentration factor of the extraction process, the
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	extract itself may have high levels of some heavy metals. However, at the recommended level of use per application, the final consumer product will also conform to European legislation.
Pesticides	The raw plant material conforms to EC Reg. 839/2008 amending EC Reg. 396/2005 Because of the concentration factor of the extraction process, the extract itself may have high levels of some pesticides. However, at the recommended level of use per application, the final consumer product will also conform to European legislation.
Residual solvents	According to Directive 2009/32/EC
Mycotoxins/ contaminants	According to EC Reg. 629/2008 amending EC Reg. 1881/2006
IPA	According to CE Reg. 2015/1933
BSE/TSE	Does not contain ingredients of animal origin, there is no risk of cross contamination because it is not present in our factory
GMO	GMO free according to EC Reg. 1829/2003 and 1830/2003
Radioactivity	According to EC Reg. 1048/2009 (extension of EC Regulation 733/2008)

**Content of limited substances which shall not be added as such to food (annex III CE Reg. 1334/2008)**

<b>Compound</b>	<b>Max %</b>
Agaric acid	0.00
Aloin	0.00
Capsaicin	0.00
1,2-Benzopyrone, coumarin	0.00
Hypericin	0.00
Beta-asarone	0.00
Estragole (methyl cavhicol, 1-allil-4-methoxybenzene)	0.00
Hydrocyanic acid	0.00
Menthofuran	0.00
Methyleugenol (4-allil-1,2-dimethoxybenzene)	0.00
Pulegone	0.00
Quassin	0.00
Safrole (1-allil-3,4-methylenedioxybenzene)	0.00
Teucrin A	0.00
Alpha-thujone	0.00

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Beta-thujone	0.00
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**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store product in full, tightly closed containers
Shelf Life	36 months under good storage conditions
Custom Tariff	33012941

**LEGISLATION**

Food grade	The product is suitable to be used in food in accordance with CE Reg. 1334/2008 – NATURAL “FLAVORING PREPARATION”
Vegan and vegetarian statement	It does not contain animal ingredients, it is not tested on animals and the manufacturing process does not include animal ingredients or byproducts.
FDA	182.20
FEMA	2117
SOLVENT FEMA	2138
COE	298
EINECS	232-352-8
SOLVENT EINECS	204-402-9
C.A.S.	8007-00-9
SOLVENT C.A.S.	120-51-4
REACH pre-registration number	05-2117974675-25-0000

**LABELING**

Hazard pictograms	
Hazard categories	EDI1 Serious eye damage / eye irritation 1 EHA1 Hazardous to the aquatic environment, acute hazard 1 EHC2 Hazardous to the aquatic environment, long term hazard 2 SS1A Sensitization, skin 1A STO-RE2 Specific target organ toxicity, repeated exposure 2
Hazard statements	H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage.

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	H373 - May cause damage to organs. H400 - Very toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements	P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 – IF ON SKIN: Wash with plenty of soap and water. P305 + P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
European Union specific hazard statements	None

**DISCLAIMER**

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.