

**TECHNICAL DATA SHEET**

Effective date: 07.2019

Styrax Resinoid**INFORMATION ON SUBSTANCE / MIXTURE**

I.N.C.I.	Liquidambar styraciflua balsam extract
Country of origin	Honduras
Manufacturing process	Obtained by extraction with volatile solvents from the balsam of Liquidambar styraciflua L.
Part used	Balsam

TECHNICAL DATA**Physical parameters**

Appearance	Viscous to solid
Color	Orange to brown
Odor	Spicy, balsamic, sweet, floral
Relative density (d20/20)	[1.080 ; 1.125]
Refractive index at 20°C	[1.530 ; 1.600]
Angular rotation (°)	N.A.
Flash point	>100°C

Chemical parameters

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

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Styrax Resinoid**Contaminants**

Heavy metals	The raw plant material conforms to EC Reg. 629/2008. Because of the concentration factor of the extraction process, the 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)

Compound	Max %
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

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Safrole (1-allyl-3,4- methylenedioxybenzene)	0.00
Teucrin A	0.00
Alpha-thujone	0.00
Beta-thujone	0.00

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store product in full, tightly closed containers
Shelf Life	36 months under good storage conditions
Custom Tariff	33013000

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	172.510
FEMA	3037
SOLVENT FEMA	-
COE	265n
EINECS	232-458-4 ; 305-628-1 ; 305-627-6
SOLVENT EINECS	-
C.A.S.	8046-19-3 ; 94891-28-8 ; 94891-27-7
SOLVENT C.A.S.	-
REACH pre-registration number	-

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Styrax Resinoid**LABELING**

Hazard pictograms	
Hazard categories	SS1A Sensitization, skin 1A
Hazard statements	H317 - May cause an allergic skin reaction.
Precautionary statements	P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse. P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.
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.