



## TECHNICAL DATA SHEET

### ANISE STAR PURE ESSENTIAL OIL

Effective date: 02.2021

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Illicium Verum Fruit Oil
Manufacturing process	Obtained by steam distillation of fruits of Illicium verum Hook.f.
Part used	Fruits
Time of harvest	Balsamic time

#### TECHNICAL DATA

##### Physical parameters

Appearance	Liquid
Colour	Pale yellow to amber
Odor	Aromatic, aniseed
Relative density (d <sub>20</sub> /20)	0.975-0.990
Refractive index 20°C	1.5400-1.5600
Angular rotation(°)	-2 to +2
Flash point °C	95

##### Content of limited substances which shall not be added as such to food

Compound	%
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 cavicol,1-allil-4 methoxybenzene)	<10.00
Hydrocyanic acid	<0.00
Menthofuran	<0.00
Methyleugenol (4-allil-1,2-dimethoxybenzene)	<0.00



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Pulegone	<0.00
Quassin	<0.00
Safrole (1-allyl-3,4-methylenedioxybenzene)	<0.00
Teucrin A	<0.00
Alpha-Thujone	<0.00
Beta-Thujone	<0.00

#### Characterizing components

Hydrocarbons content	N.A.
COV content	N.A.

#### Contaminations

Heavy metals	The raw vegetal 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 use level per application, the final consumer product will also conform to European legislation.
Pesticides	The raw vegetal 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 use level 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 contains ingredients of animal origin, there is no risk of cross contamination because it doesnot present in our factory
Radioactivity	According to EC Reg. 1048/2009 (extension of EC Regulation 733/2008)

#### Microbiology

Aerobic bacteria (TAMC)	<100 cfu/g
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Yeast and moulds	< 10 cfu/g
Enterobacteriaceae	< 10 cfu/g
Salmonella	Absent in 25g
Escherichia coli	Absent in 1g
Staphylococcus aureus	Absent in 1g

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store product in tightly closed containers, protected from heat and light
Shelf Life	36 months under good storage conditions

#### LEGISLATION

Certification	-
CMR	-
Nanomaterials	NO
Animal testing	NO
GMO	Is not derived/produced from a raw material that has been genetically modified
Vegan and vegetarian statement	This product is 100% vegetable origin. It doesn't contain animal ingredients, it isn't tested on animals and the manufacturing process doesn't include animal ingredients or by-products
EINECS	283-518-1
CAS	84650-59-9

#### LABELING

Hazard categories	CAR2 Carcinogenicity 2 EHC2 Hazardous to the aquatic environment, long-term hazard 2 MUT2 Germ cell mutagenicity 2 SS1 Sensitisation skin 1
Hazard statements	H317 - May cause an allergic skin reaction. H341 - Suspected of causing genetic defects H351 - Suspected of causing cancer. H411 – Toxic to aquatic life with long lasting effects.



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Precautionary statements	P261 – Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water. P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.
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.