

TECHNICAL DATA SHEET

Effective date: 04.2019

Tuberose Flower Wax

INFORMATION ON SUBSTANCE / MIXTURE

I.N.C.I.	Polianthes tuberosa flower wax
Manufacturing process	Obtained by ethanol extraction from the concrete of Polianthes tuberosa L.
Part used	Flowers

TECHNICAL DATA

Physical parameters

Appearance	Solid
Color	Brown-orange
Odor	Flowery, pleasant
Relative density (d20/20)	N.A.
Refractive index at 20°C	N.A.
Angular rotation (°)	N.A.
Flash point	>100°C

Chemical parameters

Hydrocarbon content	N.A.
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

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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 caviicol, 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	0.00

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(1-allyl-3,4-methylenedioxybenzene)	
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	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	-
SOLVENT FEMA	-
COE	-
EINECS	305-108-4
SOLVENT EINECS	-
C.A.S.	8024-05-3 / 94334-35-7
SOLVENT C.A.S.	-
REACH pre-registration number	-

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LABELING

Hazard pictograms	 
Hazard categories	AH1 Aspiration hazard 1 CAR2 Carcinogenicity 2 EHC3 Hazardous to the aquatic environment, long-term hazard 3 MUT2 Germ cell mutagenicity 2 SCI2 Skin corrosion / irritation 2 SS1A Sensitization, skin 1A
Hazard statements	H304 - May be fatal if swallowed and enters airways. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H341 - Suspected of causing genetic defects. H351 - Suspected of causing cancer. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P264 - Wash thoroughly after handling. 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.
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.