

Ylang Ylang III Essential Oil

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 2/4/2019 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Substance
Substance name : Ylang Ylang III Essential Oil
Chemical name : Cananga Odorata Flower Oil
EC-No. : 281-092-1
CAS-No. : 8006-81-3 / 83863-30-3

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Industrial
Use of the substance/mixture : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Naturpolc Magyarország Kft.
Klapka street 4. Budapest 1193 Hungary
www.naturpolc.hu

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1.

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315
Skin sensitisation, Category 1 H317
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411 Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements/ Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07 GHS08 GHS09

Signal word (CLP) : Danger
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.
Precautionary statements (CLP) : P261 - Avoid breathing vapours, spray.
P264 - Wash contaminated skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective clothing, eye protection, face protection.
P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P331 - Do NOT induce vomiting.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P405 - Store locked up.
P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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2.3. Other hazards

No additional Information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : Ylang Ylang III Essential Oil

CAS-No. : 8006-81 -3 / 83863-30-3

EC-No. : 281-092-1

Name	Product identifier	%
beta-Caryophyllene	(CAS-No.) 87-44-5 (EC-No.) 201-746-1	10 - 15
Benzyl Benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9	5 - 10
Benzyl Acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7	5 - 10
Benzyl Salicylate	(CAS-No.) 118-58-1	5 - 10
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4	5 - 10
Geranyl acetate	(CAS-No.) 105-87-3 (EC-No.) 203-341-5	1 - 5
Farnesol	(CAS-No.) 4602-84-0 (EC-No.) 225-004-1	1 - 5
p-Cresyl methyl ether	(CAS-No.) 104-93-8 (EC-No.) 202-590-7	1 - 5
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	< 1
Geraniol	(CAS-No.) 106-24-1 (EC-No.) 203-377-1	< 1
Isoeugenol	(CAS-No.) 97-54-1	< 1

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general

First-aid measures after inhalation

: Never give anything by mouth to an unconscious person.

First-aid measures after skin contact

: Assure fresh air breathing. Allow the victim to rest. Get medical advice/attention if you feel unwell.

: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact

: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion

: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Unsuitable extinguishing media

: Foam. Dry powder. Carbon dioxide.

: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire

: Carbon dioxide. Carbon monoxide. fume.

5.3. Advice for firefighters

Firefighting instructions

: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting

: Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

General measures : Stop leak if safe to do so. No flames, no sparks. Eliminate all sources of ignition. Clean up any spills as soon as possible, using an absorbent material to collect it.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. No flames, no sparks. Eliminate all sources of ignition.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. Collect spillage. Minimise generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not eat, drink or smoke when using this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe vapours.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking, Keep cool. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Protective gloves made of PVC

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

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Personal protective equipment symbol(s):

Environmental exposure Controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid.
Colour	Pale Yellow to Dark Yellow.
Odour	characteristic.
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	125 °C
Flash point	>= 88 °C
Auto-ignition temperature	240 °C
Decomposition temperature	No data available
Flammability (solid, gas)	Non flammable.
Vapour pressure	3.04 Pa @ 25°C
Relative vapour density at 20 °C	No data available
Relative density	0.915 - 0.955 @ 20°C
Solubility	Water: 0.013 g/l M water @ 25°C
Log Pow	6995
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2. Other information

Refractive index 1.49 - 1.52 @ 20°C

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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Linalool (78-70-6)	
LD50 oral rat	3000 mg/kg
LD50 dermal rabbit	5610 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l/4h

Geranyl acetate (105-87-3)	
LD50 oral rat	■ > 6330 mg/kg

Geraniol (106-24-1)	
LD50 oral rat	« 3600 ml/kg
LD50 dermal rabbit	> 5 g/kg

Eugenol (97-53-0)	
LD50 oral	1930 mg/kg
Skin corrosion/irritation	

Additional information	: Causes skin irritation.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met
Additional information	: Not classified
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met
Additional information	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met
Additional information	: Not classified
Carcinogenicity	: Based on available data, the classification criteria are not met
Additional information	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: May be fatal if swallowed and enters airways.
Additional information	: Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water	: EL50, 48 hours: 10.4 mg/l, Daphnia magna EC ₅₀ , 3 hours: 1000 mg/l, Activated sludge
Ecology - water	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

Linalool (78-70-6)	
LC50 fish 1	27.8 mg/l
EC50 Daphnia 1	59 mg/l
EC50 96h algae (1)	88.3 mg/l

12.2. Persistence and degradability

Ylang Ylang III Essential Oil (8006-81-3 / 83863-30-3)

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Persistence and degradability	Not established. May cause long-term adverse effects in the environment.
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beta-Caryophyllene (87-44-5)

Persistence and degradability	Not established.
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BenzyI Benzoate (120-51-4)	
Persistence and degradability	Not established. May cause long-term adverse effects in the environment.

BenzyI Salicylate (118-58-1)	
Persistence and degradability	Not established. May cause long-term adverse effects in the environment.

Linalool (78-70-6)	
Persistence and degradability	Not established.

GeraniI acetate (105-87-3)	
Persistence and degradability	Not established. May cause long-term adverse effects in the environment.

BenzyI Acetate (140-11-4)	
Persistence and degradability	Not established. May cause long-term adverse effects in the environment.

Farnesol (4602-84-0)	
Persistence and degradability	Not established.

p-Cresyl methyl ether (104-93-8)	
Persistence and degradability	Not established. May cause long-term adverse effects in the environment.

Isoeugenol (97-54-1)	
Persistence and degradability	Not established.

Geraniol (106-24-1)	
Persistence and degradability	Not established.

Eugenol (97-53-0)	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Ylang Ylang III Essential Oil (8006-81-3 / 83863-30-3)	
Log Pow	6995
Bioaccumulative potential	Not established.

beta-Caryophyllene (87-44-5)	
Bioaccumulative potential	Not established.

BenzyI Benzoate (120-51-4)	
Bioaccumulative potential	Not established.

BenzyI Salicylate (118-58-1)	
Bioaccumulative potential	Not established.

Linalool (78-70-6)	
Log Pow	2.84 - 3.1

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Bioaccumulative potential	Not established.
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Geranyl acetate (105-87-3)	
Bioaccumulative potential	Not established.

Benzyl Acetate (140-11-4)	
Bioaccumulative potential	Not established.

Farnesol (4602-84-0)	
Bioaccumulative potential	Not established.

p-Cresyl methyl ether (104-93-8)	
Bioaccumulative potential	Not established.

Isoeugenol (97-54-1)	
Bioaccumulative potential	Not established.

Geraniol (106-24-1)	
Bioaccumulative potential	Not established.

Eugenol (97-53-0)	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional Information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR

ADR
14.1. UN number
Not regulated
14.2. UN proper shipping name
Not regulated
14.3. Transport hazard class(es)
Not regulated
14.4. Packing group
Not regulated
14.5. Environmental hazards
Not regulated

No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

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SECTION 15: Regulatory information

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Ylang Ylang III Essential Oil is not on the REACH Candidate List

Ylang Ylang III Essential Oil is not on the REACH Annex XIV List

Ylang Ylang III Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Ylang Ylang III Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	: None. Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H371	May cause damage to organs.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

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H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product