



YLANG YLANG III OIL

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 4/23/2014 Revision date: 5/27/2019 Supersedes: 5/27/2019 Version: 1.5

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

1.1. Product identifier

Product form : Substance
Substance name : YLANG YLANG III OIL
EC-No. : 281-092-1
CAS-No. : 83863-30-3
Product code : YLAHE03
Synonyms : CAS TSCA/USA No 8006-81-3 / EPA 8016-96-4 / RTECS ZF9116000
Product group : Essential oil

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Industrial/Professional use spec : Industrial
For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

EXAFLOR
5 rue des Pyrénées
P.O. Box CP 30561
94653 Rungis Cedex - France
T +33 (0)1 41 73 23 10 - F +33 (0)1 41 73 23 19
exaflor@orange.fr - www.exaflor.fr

1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|---------|----------------------|---------|-------------------|---------|
| | ORFILA (FRANCE) | | +33 1 45 42 59 59 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment — H412
Chronic Hazard, Category 3

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

Signal word (CLP) : Danger

Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P261 - Avoid breathing fume, dust, vapours.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P302+P352 - IF ON SKIN: Wash with plenty of with water & soap.

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P321 - Specific treatment (see Read label before use. on this label)
P331 - Do NOT induce vomiting.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P405 - Store locked up.
P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name : YLANG YLANG III OIL
CAS-No. : 83863-30-3
EC-No. : 281-092-1

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------------|---|-----------|---|
| BETA-CARYOPHYLLENE | (CAS-No.) 87-44-5 (EC-No.) 201-746-1 | 12 - 20 | Not classified |
| BENZYL BENZOATE | (CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9 | 4.8 - 8.5 | Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411 |
| BENZYL SALICYLATE | (CAS-No.) 118-58-1 (EC-No.) 204-262-9 | 1 - 5 | Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| FARNESOL | (CAS-No.) 4602-84-0 (EC-No.) 225-004-1 | 1.2 - 4 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| LINALOOL | (CAS-No.) 78-70-6 (EC-No.) 201-134-4 | 0.6 - 4 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 |
| BENZYL ACETATE | (CAS-No.) 140-11-4 (EC-No.) 205-399-7 | 0.1 - 2.2 | Aquatic Chronic 2, H411 |
| P-CRESYL METHYLEETHER | (CAS-No.) 104-93-8 (EC-No.) 203-253-7 | 0 - 1.4 | Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Repr. 2, H361 Aquatic Chronic 3, H412 |
| GERANIOL | (CAS-No.) 106-24-1 (EC-No.) 203-377-1 | 0.2 - 0.8 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 |
| METHYL BENZOATE | (CAS-No.) 93-58-3 (EC-No.) 202-259-7 | 0 - 0.8 | Acute Tox. 4 (Oral), H302 Aquatic Chronic 3, H412 |
| EUGENOL | (CAS-No.) 97-53-0 (EC-No.) 202-589-1 | 0 - 0.5 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| ISOEUGENOL | (CAS-No.) 97-54-1 (EC-No.) 202-590-7 | 0 - 0.5 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| BENZYL ALCOHOL | (CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603-057-00-5 | 0 - 0.5 | Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 |

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 : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

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| | |
|---------------------------------------|--|
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of water/.... If skin irritation or rash occurs: Get immediate medical advice/attention, Immediately call a POISON CENTER/doctor. Get medical advice/attention. Specific treatment (see Read label before use. on this label). Wash contaminated clothing before reuse. |
| First-aid measures after eye contact | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. |

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

| | |
|-----------------------------------|---|
| Symptoms/effects after inhalation | : May cause an allergic skin reaction. |
| Symptoms/effects after ingestion | : May be fatal if swallowed and enters airways. |

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 | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

No additional information available

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. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

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. Notify authorities if liquid enters sewers or 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. Collect spillage. 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. Avoid breathing smokes, vapours. |
| Hygiene measures | : 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

| | |
|------------------------|--|
| Technical measures | : Comply with applicable regulations. |
| Storage conditions | : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Keep container closed when not in use. |
| Incompatible products | : Strong bases. Strong acids. |
| Incompatible materials | : Sources of ignition. Direct sunlight. |
| Maximum storage period | : 3 year |
| Storage temperature | : 18 (5 - 25) °C |
| Storage area | : Store in a well-ventilated place. Keep away from any flames or sparking source. Keep in the dark. Store away from heat. |

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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

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

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 | : light yellow. Yellow. Dark. |
| Odour | : characteristic. Floral. flowery and jamine like. |
| 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 | : No data available |
| Flash point | : 89 (89 - 101) °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0.906 - 0.976 |
| Solubility | : Insoluble in water. |
| Log Pow | : No data available |
| Log Kow | : 4.48 |
| 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 : 1.495 - 1.513

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

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10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

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

| YLANG YLANG III OIL (83863-30-3) | |
|--|---|
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| BENZYL BENZOATE (120-51-4) | |
| LD50 oral rat | 1700 mg/kg |
| LD50 oral | 1400 mg/kg LD50 oral mouse |
| LD50 dermal rat | 4000 mg/kg |
| LD50 dermal rabbit | 4000 mg/kg |
| LD50, mammalian, acute, oral, rabbit, systemic | = 1680 mg/kg |
| LD50, mammalian, acute, oral, Guinea pig, systemic | = 1121 mg/kg |
| BENZYL SALICYLATE (118-58-1) | |
| LD50 oral rat | 2227 mg/kg |
| LD50 dermal rabbit | 14150 mg/kg |
| LINALOOL (78-70-6) | |
| LD50 oral rat | 2790 mg/kg |
| LD50 oral | 3120 mg/kg LD50 oral mouse |
| LD50 dermal rabbit | 5610 mg/kg |
| FARNESOL (4602-84-0) | |
| LD50 oral rat | 6000 mg/kg |
| LD50 oral | 7400 mg/kg mouse |
| LD50 dermal rabbit | > 5000 mg/kg |
| BENZYL ACETATE (140-11-4) | |
| LD50 oral rat | 2490 mg/kg |
| LD50 oral | 830 mg/kg LD50 oral mouse |
| LD50 dermal rabbit | >= 5000 mg/kg |
| LC50 inhalation rat (ppm) | 245 LC50 inhalation cat (Vapours - mg/l/8h) |
| LD50, oral, rabbit | = 2200 mg/kg |
| P-CRESYL METHYLETHYER (104-93-8) | |
| LD50 oral rat | 1920 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| METHYL BENZOATE (93-58-3) | |
| LD50 oral rat | 1177 mg/kg |
| GERANIOL (106-24-1) | |
| LD50 oral rat | 3600 mg/kg |
| LD50 dermal rabbit | > 5000 mg/kg |
| BENZYL ALCOHOL (100-51-6) | |
| LD50 oral rat | 1230 mg/kg |
| LD50 dermal rabbit | 2000 mg/kg |

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| ISOEUGENOL (97-54-1) | |
|-----------------------------|-----------------------|
| LD50 oral rat | 1560 mg/kg |
| LD50 oral | 1410 mg/kg Guinea pig |
| LD50 dermal rabbit | 1900 mg/kg |

| EUGENOL (97-53-0) | |
|---------------------------|---------------|
| LD50 oral rat | 1930 mg/kg |
| LC50 inhalation rat (ppm) | > 384 ppmv/4h |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : 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. |
| 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 | : Harmful to aquatic life with long lasting effects. |
| Acute aquatic toxicity | : Not classified |
| Chronic aquatic toxicity | : Harmful to aquatic life with long lasting effects. |

| YLANG YLANG III OIL (83863-30-3) | |
|---|---|
| EC50 Daphnia 1 | 11.2 mg/l EC50 48h - Daphnia magna [mg/l] |

| BENZYL BENZOATE (120-51-4) | |
|-----------------------------------|--|
| LC50 fish 2 | 4.8 mg/l Scud (Gammarus fasciatus) 96h |
| LC50 other aquatic organisms 1 | 9.8 mg/l Scud (Gammarus fasciatus) 24h |

| LINALOOL (78-70-6) | |
|--------------------------------|---|
| LC50 fish 1 | 27.8 mg/l EC 50 (fish : rainbow trout) : - 96h |
| LC50 other aquatic organisms 1 | 88.3 mg/l Desmodesmus subspicatus (green algae) - 96h |
| EC50 Daphnia 1 | 59 mg/l EC50 48h - Daphnia magna [mg/l] |
| NOEC chronic fish | 3.5 mg/l Oncorhynchus mykiss (Rainbow trout)- 96h |
| NOEC chronic crustacea | 25 mg/l daphnia - 48h |

| FARNESOL (4602-84-0) | |
|-----------------------------|---|
| LC50 fish 1 | 1.8 mg/l Oncorhynchus mykiss (Rainbow trout) -96h |
| EC50 Daphnia 1 | 2.2 mg/l EC50 48h - Daphnia magna [mg/l] |

| BENZYL ACETATE (140-11-4) | |
|----------------------------------|--|
| LC50 fish 1 | ca. 4 mg/l LC50 96h fish - Oryzias latipes |
| EC50 other aquatic organisms 2 | Moyenne (Average) 3.9 (3.29 - 4.54) mg/l Bacteria - Phytobacterium phosphoreum - EC50 ; 5/15/30 min ; 15°C |

| P-CRESYL METHYLETHER (104-93-8) | |
|--|--|
| LC50 fish 1 | 46 mg/l 96H - Leuciscus idus (golden orfe) |
| EC50 Daphnia 1 | 44.2 mg/l EC50 48h - Daphnia magna [mg/l] |

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| METHYL BENZOATE (93-58-3) | |
|----------------------------------|--|
| LC50 fish 1 | 23 mg/l Brachydanio rerio (zebra-fish) - 96h |
| EC50 Daphnia 1 | 62.6 mg/l EC50 24h - Daphnia magna [mg/l] |
| GERANIOL (106-24-1) | |
| LC50 fish 1 | env. 22 mg/l Brachydanio rerio (zebra-fish) - 96h |
| EC50 Daphnia 1 | 10.8 mg/l EC50 48h - Daphnia magna [mg/l] |
| EC50 other aquatic organisms 1 | 13.1 mg/l Desmodesmus subspicatus (green algae) -72h |
| BENZYL ALCOHOL (100-51-6) | |
| LC50 fish 1 | 10 mg/l lepomis macrochirus - 96h |
| EC50 Daphnia 1 | 55 mg/l EC50 (Daphnia Magna) - 24h |
| EUGENOL (97-53-0) | |
| LC50 fish 1 | 13 mg/l Brachydanio rerio (zebra-fish) - 96h |
| EC50 Daphnia 1 | 1.13 mg/l EC50 48h - Daphnia magna [mg/l] |

12.2. Persistence and degradability

| YLANG YLANG III OIL (83863-30-3) | |
|---|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| Biodegradation | 0.28 % |
| BETA-CARYOPHYLLENE (87-44-5) | |
| Persistence and degradability | Not established. |
| BENZYL BENZOATE (120-51-4) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| BENZYL SALICYLATE (118-58-1) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| LINALOOL (78-70-6) | |
| Persistence and degradability | Readily biodegradable. Not established. |
| Biodegradation | 100 % 13 DAYS- ZAHN-WELLENS TEST OECD N° 302 B |
| BENZYL ACETATE (140-11-4) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| P-CRESYL METHYLETHER (104-93-8) | |
| Persistence and degradability | persistency. Water. Soil. Weak. and. air. High. May cause long-term adverse effects in the environment. |
| METHYL BENZOATE (93-58-3) | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| GERANIOL (106-24-1) | |
| Persistence and degradability | Readily biodegradable. Not established. |
| Biodegradation | 80 - 100 % aérobic, Exposure duration 3 days |
| BENZYL ALCOHOL (100-51-6) | |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 94 (92 - 96) % Biotic degradation - aerobic |
| ISOEUGENOL (97-54-1) | |
| Persistence and degradability | Not established. |
| EUGENOL (97-53-0) | |
| Persistence and degradability | Readily biodegradable. May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative potential

| YLANG YLANG III OIL (83863-30-3) | |
|---|------------------|
| Log Kow | 4.48 |
| Bioaccumulative potential | Not established. |
| BETA-CARYOPHYLLENE (87-44-5) | |
| Bioaccumulative potential | Not established. |
| BENZYL BENZOATE (120-51-4) | |
| Log Kow | 3.97 |
| Bioaccumulative potential | Not established. |
| BENZYL SALICYLATE (118-58-1) | |
| Bioaccumulative potential | Not established. |

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| LINALOOL (78-70-6) | |
|--|------------------------|
| Log Pow | 2.97 |
| Bioaccumulative potential | Not established. |
| BENZYL ACETATE (140-11-4) | |
| Log Kow | 2 |
| Bioaccumulative potential | Not established. |
| P-CRESYL METHYLETHER (104-93-8) | |
| Log Kow | 2.66 |
| Bioaccumulative potential | Weak. Not established. |
| METHYL BENZOATE (93-58-3) | |
| Log Kow | 2.12 |
| Bioaccumulative potential | Not established. |
| GERANIOL (106-24-1) | |
| Log Pow | 2.5 at 25 °C |
| Bioaccumulative potential | Not established. |
| BENZYL ALCOHOL (100-51-6) | |
| Log Pow | 1.1 |
| ISOEUGENOL (97-54-1) | |
| Log Pow | 2.1 |
| Log Kow | 3.04 |
| Bioaccumulative potential | Not established. |
| EUGENOL (97-53-0) | |
| Log Pow | 2.7 |
| Log Kow | 2.27 |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

| YLANG YLANG III OIL (83863-30-3) | |
|---|------------------|
| Log Koc | 2.702 MCI method |
| P-CRESYL METHYLETHER (104-93-8) | |
| Ecology - soil | Medium. |

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. Dispose of contents/container to contents/container to agreed companies according to national regulations.

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

SECTION 14: Transport information

In accordance with ADR

14.1. UN number

UN-No. (ADR) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

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14.5. Environmental hazards

Dangerous for the environment : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

| | |
|--|---|
| 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 | YLANG YLANG III OIL - GERANIOL - FARNESOL - LINALOOL - BENZYL ACETATE - BENZYL BENZOATE - BENZYL SALICYLATE - EUGENOL - ISOEUGENOL - METHYL BENZOATE - P-CRESYL METHYLEETHER - BENZYL ALCOHOL |
| 3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F | P-CRESYL METHYLEETHER |
| 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 | YLANG YLANG III OIL - GERANIOL - FARNESOL - LINALOOL - BENZYL BENZOATE - BENZYL SALICYLATE - EUGENOL - ISOEUGENOL - METHYL BENZOATE - P-CRESYL METHYLEETHER - BENZYL ALCOHOL |
| 3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 | YLANG YLANG III OIL - BENZYL ACETATE - BENZYL BENZOATE - BENZYL SALICYLATE - EUGENOL - METHYL BENZOATE - P-CRESYL METHYLEETHER |

YLANG YLANG III OIL is not on the REACH Candidate List

YLANG YLANG III OIL is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 2, significant hazard to waters (Classification according to AwSV; ID No. 3830)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : 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.

Other information : None.

Full text of H- and EUH-statements:

| | |
|---------------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |

YLANG YLANG III OIL

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| | |
|---------------|--|
| 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 |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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