

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Trade name : Ylang oil III (2003844)
Revision date : 07.10.2016
Print date : 25.10.2016

Version (Revision) : 11.0.0 (10.0.1)

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

1.1 Product identifier

Ylang oil III (2003844)

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

Use of the substance/mixture : Perfumes, Fragrances, Flavouring agents

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Aquatic Chronic 3 ; H412 - Hazardous to the aquatic environment : Chronic 3 ; Harmful to aquatic life with long lasting effects.

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

Skin Irrit. 2 ; H315 - Skin corrosion/irritation : Category 2 ; Causes skin irritation.

Repr. 2 ; H361d - Reproductive toxicity : Category 2 ; Suspected of damaging the unborn child.

Skin Sens. 1 ; H317 - Skin sensitisation : Category 1 ; May cause an allergic skin reaction.

2.2 Label elements

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

Hazard components for labelling

1-METHOXY-4-METHYLBENZENE ; CAS No. : 104-93-8

TRANS-3,7-DIMETHYLOCTA-2,6-DIEN-1-OL ACETATE ; CAS No. : 105-87-3

BENZYL SALICYLATE ; CAS No. : 118-58-1

3,7,11-TRIMETHYL-2,6,10-DODECATRIEN-1-OL ; CAS No. : 4602-84-0

GERANIOL (3,7-DIMETHYL-2,6-OCTADIEN-1-OL) ; CAS No. : 106-24-1

ISOEUGENOL ; CAS No. : 97-54-1

EUGENOL ; CAS No. : 97-53-0

Hazard statements

H304 May be fatal if swallowed and enters airways.

H361d Suspected of damaging the unborn child.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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Precautionary statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/....
P308+P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.

2.3 Other hazards

None

SECTION 3: Composition/information on ingredients

Ylangöl / Ylang oil EINECS/ELINCS: 297-681-1 CAS: 8006-81-3

3.2 Mixtures

Hazardous ingredients

3,7,11-TRIMETHYL-1,3,6,10-DODECA TETRAENE ; EC No. : 207-948-6; CAS No. : 502-61-4

Weight fraction : $\geq 15 - < 20$ %
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

BETA CARYOPHYLLENE ; EC No. : 201-746-1; CAS No. : 87-44-5

Weight fraction : $\geq 15 - < 20$ %
Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

BENZYL BENZOATE ; EC No. : 204-402-9; CAS No. : 120-51-4

Weight fraction : $\geq 10 - < 15$ %
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Aquatic Chronic 2 ; H411

1-METHOXY-4-METHYLBENZENE ; EC No. : 203-253-7; CAS No. : 104-93-8

Weight fraction : $\geq 5 - < 10$ %
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Repr. 2 ; H361d Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412

LINALOOL (DIMETHYL-1,6-OCTADIEN-3-OL) ; EC No. : 201-134-4; CAS No. : 78-70-6

Weight fraction : $\geq 5 - < 10$ %
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

TRANS-3,7-DIMETHYLOCTA-2,6-DIEN-1-OL ACETATE ; EC No. : 203-341-5; CAS No. : 105-87-3

Weight fraction : $\geq 1 - < 5$ %
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Aquatic Chronic 3 ; H412

BENZYL SALICYLATE ; EC No. : 204-262-9; CAS No. : 118-58-1

Weight fraction : $\geq 1 - < 5$ %
Classification 1272/2008 [CLP] : Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319 Aquatic Chronic 2 ; H411

3,7,11-TRIMETHYL-2,6,10-DODECATRIEN-1-OL ; EC No. : 225-004-1; CAS No. : 4602-84-0

Weight fraction : $\geq 1 - < 5$ %
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319

METHYL BENZOATE ; EC No. : 202-259-7; CAS No. : 93-58-3

Weight fraction : $\geq 1 - < 5$ %
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302

GERANIOL (3,7-DIMETHYL-2,6-OCTADIEN-1-OL) ; EC No. : 203-377-1; CAS No. : 106-24-1

Weight fraction : $\geq 1 - < 3$ %
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317

ISOEUGENOL ; EC No. : 202-590-7; CAS No. : 97-54-1

Weight fraction : $\geq 0,5 - < 1$ %
Classification 1272/2008 [CLP] : Acute Tox. 4 ; H302 Acute Tox. 4 ; H312 Skin Irrit. 2 ; H315 Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319

EUGENOL ; EC No. : 202-589-1; CAS No. : 97-53-0

Weight fraction : $\geq 0,1 - < 0,5$ %
Classification 1272/2008 [CLP] : Skin Sens. 1 ; H317 Eye Irrit. 2 ; H319

Additional information

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Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing.

Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician. In case of skin reactions, consult a physician.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

When in doubt or if symptoms are observed, get medical advice.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Sand Foam Carbon dioxide (CO₂) Dry extinguishing powder

Unsuitable extinguishing media

Water

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Move undamaged containers from immediate hazard area if it can be done safely. Remove product from area of fire.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Remove all sources of ignition. Provide adequate ventilation.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Treat the recovered material as prescribed in the section on waste disposal.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

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7.1 Precautions for safe handling

Protective measures

Wear personal protection equipment (refer to section 8). When using do not eat, drink, smoke, sniff. Always close containers tightly after the removal of product. Use only in well-ventilated areas.

Measures to prevent fire

Take precautionary measures against static discharges. Keep away from sources of ignition. - No smoking.

Additional information

Materials soiled with product such as cleaning rags, tissues and protective clothing, may ignite spontaneously a few hours later. To avoid the risks of fires, all contaminated materials should be stored in purpose-built containers or in metal containers with tight-fitting self-closing lids.

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class (TRGS 510) : 10

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection goggles

Skin protection

Hand protection

Tested protective gloves must be worn. Wear cotton undermitten if possible. NBR (Nitrile rubber) DIN EN 374

Respiratory protection

Usually no personal respiratory protection necessary. Respiratory protection necessary at: dust formation insufficient ventilation

General health and safety measures

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work. Apply skin care products after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

liquid

Colour : yellow

Odour

characteristic

Safety relevant basis data

Initial boiling point and boiling range :	(1013 hPa)	>	200 °C
Flash point :		>	100 °C
Vapour pressure :	(50 °C)	<	300 hPa
Density :	(20 °C)		0,94 g/cm ³
Solubility in water:	(20 °C)		practically insoluble
Solubility in other solvent:			soluble in diff. org. solvents

9.2 Other information

None

SECTION 10: Stability and reactivity

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10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Acid Bases

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50 (YLANG YLANG ; CAS No. : 8006-81-3)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Send to a hazardous waste incinerator facility under observation of official regulations. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Evidence for disposal must be provided.

SECTION 14: Transport information

14.1 UN number

No dangerous good in sense of these transport regulations.

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14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

Observe in addition any national regulations!

National regulations

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

The readings in this Material Safety Data Sheet are valid for professional users. Depending on kind of use the expeller should keep in mind additional legal regulations if applicable (such as childproof closures, sense of touch symbols, instructions for use, additional precautionary statements or special labelling rules et.al)

16.1 Indication of changes

02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

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.
H361d	Suspected of damaging the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.