

Material Safety Data Sheet



YLANG YLANG EXTRA ESSENTIAL OIL

Safety Data Sheet dated 13/2/2017, version 2

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

1.1. Product identifier

Identification of the substance:

Trade name: YLANG YLANG EXTRA ESSENTIAL OIL

CAS number: 8006-81-3

EC number: 281-092-1

The transition time according to REACH Regulation, Article 23 is still not expired.

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

Recommended use:

Raw material for chemicals, cosmetic, pharmaceutical industry

1.3. Details of the supplier of the safety data sheet

Company:

SC Herodio Crafts SRL

Business address: Str Pravat nr 14 bl P7 ap 124 sector 6 Bucuresti.

Warehouse : str Topaz nr 2 Bragadiru Ilfov.

Tel/fax 0733970868/0372874712.

www.aroma-shop.ro. office@aroma-shop.ro


1.4. Emergency telephone number


0040 21 3183606 -INSPB

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 Warning, Skin Irrit. 2, Causes skin irritation.

 Warning, Eye Irrit. 2, Causes serious eye irritation.

 Warning, Skin Sens. 1B, May cause an allergic skin reaction.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

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P264 Wash ... Thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

GERANIOLO

SALICILATO BENZILE: May produce an allergic reaction.

FARNESOLO: May produce an allergic reaction.

ISOEUGENOLO: May produce an allergic reaction.

EUGENOLO: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards
















SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.












3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 20% - < 30%	BETA CARYOPHYLLENE	CAS: 87-44-5 EC: 201-746-1	 3.10/1 Asp. Tox. 1 H304  3.2/2 Skin Irrit. 2 H315
>= 15% - < 20%	LINALOL	CAS: 78-70-6 EC: 201-134-4 REACH No.: 01-21194740 16-42-XXXX	 3.2/2 Skin Irrit. 2 H315  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H335
>= 10% - < 12.5%	4-METHYL ANISOLE	CAS: 104-93-8 EC: 203-253-7	 2.6/3 Flam. Liq. 3 H226  3.1/4/Oral Acute Tox. 4 H302  3.2/2 Skin Irrit. 2 H315
>= 5% - < 7.5%	BENZYL BENZOATO	Index number: 607-085-00-9 CAS: 120-51-4 EC: 204-402-9 REACH No.: 01-21199763 71-33-XXXX	 4.1/C2 Aquatic Chronic 2 H411  3.1/4/Oral Acute Tox. 4 H302
>= 3% - < 5%	BENZYL SALICYLATE	CAS: 118-58-1 EC: 204-262-9 REACH No.: 01-21199694 42-31-0000	 3.3/2 Eye Irrit. 2 H319  3.4.2/1 Skin Sens. 1 H317  4.1/C3 Aquatic Chronic 3 H412
>= 3% - < 5%	FARNESOL	CAS: 4602-84-0 EC: 225-004-1	 3.2/2 Skin Irrit. 2 H315  3.3/2 Eye Irrit. 2 H319

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			 3.4.2/1 Skin Sens. 1 H317
>= 1% - < 3%	METHYL BENZOATE	CAS: 93-58-3	 3.1/4/Oral Acute Tox. 4 H302
>= 1% - < 3%	GERANIOL	CAS: 106-24-1 EC: 203-377-1 REACH No.: 01-21195524 30-49-XXXX	 3.2/2 Skin Irrit. 2 H315  3.3/1 Eye Dam. 1 H318  3.4.2/1B Skin Sens. 1B H317
>= 0.5% - < 1%	ISOEUGENOL	CAS: 97-54-1 EC: 202-590-7	 3.1/4/Oral Acute Tox. 4 H302  3.2/2 Skin Irrit. 2 H315  3.3/2 Eye Irrit. 2 H319  3.4.2/1 Skin Sens. 1 H317
>= 0.5% - < 1%	EUGENOL	CAS: 97-53-0 EC: 202-589-1 REACH No.: 01-21199718 02-33-XXXX	 3.3/2 Eye Irrit. 2 H319  3.4.2/1 Skin Sens. 1 H317

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

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Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep out from light sun

Keep the product in dry and cool place

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

BENZYL SALICYLATE - CAS: 118-58-1

TLV TWA - n.a.

TLV STEL - n.a.

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

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Eye protection:

Eye glasses with side protection.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Butyl caoutchouc (butyl rubber).

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	liquid clear yellow scuro/brown	--	--
Odour:	characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	> 55 ° C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.930 - 0.950	--	--
Solubility in water:	insoluble	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--

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Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
Toxicological information of the product:
N.A.
- Toxicological information of the main substances found in the product:
 - LINALOL - CAS: 78-70-6
 - a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 2790 mg/kg
 - Test: LD50 - Route: Skin - Species: Rabbit = 5610 mg/kg
 - METHYL BENZOATE - CAS: 93-58-3
 - a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 1350 mg/kg
 - GERANIOL - CAS: 106-24-1
 - a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 4800 mg/kg
 - Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
 - ISOEUGENOL - CAS: 97-54-1
 - a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat = 1560 mg/kg
 - EUGENOL - CAS: 97-53-0
 - a) acute toxicity:
 - Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
 - BENZYL BENZOATE - CAS: 120-51-4
 - LD50 (RAT) ORAL: 1700 MG/KG
 - LD50 (RAT) SKIN: 4000 MG/KG
 - LD50 (RABBIT) ORAL: 1680 MG/KG
 - LD50 (RABBIT) SKIN: 4000 MG/KG
 - BENZYL SALICYLATE - CAS: 118-58-1
 - LD50 2227 mg/kg
 - LD50 derma, coniglio 14150 mg/kg

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;

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- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

LINALOL - CAS: 78-70-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: DAPHNIA = 59000 mg/l - Duration h: 48

Endpoint: LC50 - Species: FISH = 27800 mg/l - Duration h: 96

Endpoint: EC50 - Species: ALGAE = 88300 mg/l - Duration h: 96

GERANIOL - CAS: 106-24-1

b) Aquatic chronic toxicity:

Endpoint: LC50 - Species: FISH = 3.7 mg/l - Duration h: 96 - Notes: trota iridea

EUGENOL - CAS: 97-53-0

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: DAPHNIA = 1.13 mg/l - Duration h: 48 - Notes: OECD 202

12.2. Persistence and degradability

EUGENOL - CAS: 97-53-0

Biodegradability: 4 - Test: N.A. - Duration: N.A. - %: N.A. - Notes: N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

N.A.

14.6. Special precautions for user

N.A.

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

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long lasting effects.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

H318 Causes serious eye damage.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B

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STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1B, H317	Calculation method
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.

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TWA: Time-weighted average
WGK: German Water Hazard Class.