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## CHEMICAL SAFETY DATA SHEET

## according to 2020/878/EC (1907/2006/EC Article 31)

1347807

Reviewed on: 22.07.2025 Printing date: 22.07.2025

## SECTION 01: Identification of the substance/mixture and of the company/undertaking

## 1.1 Product identifier

- Trade name: YLANG ABSOLUTE
- Article number: P00554161000
- CAS Number: 8006-81-3
- EC Number:
- 281-092-1 • No CAS FINEC
- No CAS EINECS: 83863-30-3
- 1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the preparation Perfume ingredient Only for industrial use
- 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

BIOLANDES, BP2 TEL: +33(0)5.58.51.00.00 2760 Route de Bélis email: fds@biolandes.com 40420 LE SEN

1.4 Emergency telephone number: FR-ORFILA (INRS):+33(0)1 45 42 59 59

## SECTION 02: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



**FRANCE** 

GHS07

Skin Irrit. 2 - H315 Causes skin irritation. Eye Irrit. 2 - H319 Causes serious eye irritation. Skin Sens. 1 - H317 May cause an allergic skin reaction.



GHS09

Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms





GHS07 GHS09

- Signal word
- Warning
- Hazard statements
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.
- Precautionary statements
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P302+P352 IF ON SKIN: Wash with plenty of water.

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#### PRODUCT: YLANG ABSOLUTE

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P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

## 2.3 Other hazards

- · Results of PBT and vPvB assessment
- PBT:
  - Not applicable.
- vPvB:
- Not applicable.
- Determination of endocrine-disrupting properties
- None of the ingredients is listed.

# SECTION 03: Composition/information on ingredients

2	1	Substances

#### CAS No. Description

8006-81-3 Cananga odorata (Lam.) Hook.f. & Thomson

- Identification number(s)
- EC number:
- 281-092-1

• Dangerous components:

	CAS Number	components.	%
*	120-51-4	BENZYL BENZOATE  EC number: 204-402-9  Acute Tox. 4 - H302; Aquatic	20,001-50,00
*		Acute 1 - H400 (M=1), Aquatic Chronic 2 -	
*		H411	
* *	78-70-6	LINALOOL EC number: 201-134-4  Skin Irrit. 2 - H315, Eye Irrit. 2 -	10,001-20,00
* * *	105-87-3	H319, Skin Sens. 1B - H317  GERANYL ACETATE  EC number: 203-341-5  Skin Irrit. 2 - H315, Skin Sens. 1B -	10,001-20,00
* * *	118-58-1	H317; Aquatic Chronic 3 - H412  BENZYL SALICYLATE  EC number: 204-262-9  ① Eye Irrit. 2 - H319, Skin Sens. 1 -	5,001-10,00
* * *	87-44-5	H317; Aquatic Chronic 3 - H412 <b>BETA-CARYOPHYLLENE</b> EC number: 201-746-1  Sap. Tox. 1 - H304; Skin Sens.	5,001-10,00
* * *	140-11-4	1B - H317  benzyl acetate  EC number: 205-399-7  Aquatic Chronic 3 - H412	1,001- 5,000
* *	4602-84-0	FARNESOL EC number: 225-004-1  Skin Irrit. 2 - H315, Eye Irrit. 2 -	1,001- 5,000
* * *	93-58-3	H319, Skin Sens. 1B - H317  methyl benzoate  EC number: 202-259-7  Acute Tox. 4 - H302	1,001- 5,000
*	106-24-1	GERANIOL	1,001- 5,000
*		EC number: 203-377-1	
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# BIOLANDES

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PRODUCT :	YLANG ABSOLUTE	
	A 5 2 4 11212 A 211 1 1 1	(continued of page 2)
	< Eye Dam. 1 - H318; 🔱 Skin Irrit. 2	
	- H315, Skin Sens. 1 - H317	
104-93-8	p-Methylanisole	1,001- 5,000
	EC number: 203-253-7  ••• Acute Tox. 4 - H302, Skin Irrit. 2 -	
	H315; 🚸 Repr. 2 - H361	
97-53-0	EUGENOL 500 500 4	1,001- 5,000
	EC number: 202-589-1  ••• Eye Irrit. 2 - H319, Skin Sens. 1B -	
	•	
100-51-6	H317 BENZYL ALCOHOL	0.404.4.000
100-51-6	EC number: 202-859-9	0,101-1,000
	© Acute Tox. 4 - H302, Acute Tox. 4 -	
	H312, Eye Irrit. 2 - H319, Skin Sens. 1B -	
	H317	
106-44-5	P-CRESOL	0,101-1,000
	EC number: 203-398-6	
	Skin Corr. 1B - H314, Eye Dam. 1 -	
	H318; 🧇 Acute Tox. 3 - H301, Acute Tox.	
	3 - H311; Aquatic Chronic 3 - H412	
104-54-1	CINNAMYL ALCOHOL	0,101-1,000
	EC number: 203-212-3	
	Acute Tox. 4 - H302, Skin Sens. 1B -	
	H317; 🔖 Aquatic Chronic 2 - H411	
97-54-1	ISOEUGENOL	0,101-1,000
	EC number: 202-590-7	
	♠ Acute Tox. 4 - H302, Acute Tox. 4 -	
	H312, Acute Tox. 4 - H332, Skin Irrit. 2 -	
	H315, Eye Irrit. 2 - H319, Skin Sens. 1A -	
	H317; Skin Sens. 1A; H317: C >= 0,01 %	
5392-40-5	CITRAL	0,101-1,000
000£- <del>1</del> 0-0	EC number: 226-394-6	0,101-1,000
	Skin Irrit. 2 - H315, Eye Irrit. 2 -	
	H319, Skin Sens. 1B - H317	
119-36-8	METHYL SALICYLATE	0,101-1,000
	EC number: 204-317-7	
	♦ Eye Dam. 1 - H318; ♦ Acute Tox. 4	
	- H302, Skin Sens. 1B - H317;  Repr. 2	
	- H361d; Aquatic Chronic 3 - H412	
140-67-0	ESTRAGOL	0,101-1,000
	EC number: 205-427-8	
	Acute Tox. 4 - H302, Skin Sens. 1B -	
	H317; 🚸 Muta. 2 - H341, Carc. 2 - H351	
104-55-2	CINNAMAL	0,010-0,100
	EC number: 203-213-9	
	♠ Acute Tox. 4 - H312, Skin Irrit. 2 -	
	H315, Eye Irrit. 2 - H319, Skin Sens. 1A -	
	H317; Aquatic Chronic 3 - H412	
- EU	Skin Sens. 1A; H317: C >= 0,01 %	





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PRODUCT: YLANG ABSOLUTE

## SECTION 04: First aid measures

4.1 Description of first aid measures

· General information:

Seek immediate medical advice.

• After inhalation:

Supply fresh air and to be sure call for a doctor.

• After skin contact:

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

• After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Seek immediate medical advice.

· Information for doctor:

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 05: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing agents:

CO2, sand, extinguishing powder. Do not use water.

Use fire extinguishing methods suitable to surrounding conditions.

• For safety reasons unsuitable extinguishing agents:

Water with full jet

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- 5.3 Advice for firefighters
- Protective equipment:

Do not inhale explosion gases or combustion gases.

· Additional information

Cool endangered receptacles with water spray.

## SECTION 06: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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**PRODUCT:** YLANG ABSOLUTE

## SECTION 07: Handling and storage

## 7.1 Precautions for safe handling

Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Handle with care. Avoid jolting, friction and impact.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

#### 7.2 Conditions for safe storage, including any incompatibilities Storage:

• Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Prevent any seepage into the ground.

Use only receptacles specifically permitted for this substance/ product.

- Information about storage in one common storage facility: Not required.
- Further information about storage conditions:

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

## 7.3 Specific end use(s)

No further relevant information available.

## SECTION 08: Exposure controls/personal protection

## 8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace: Not required.
- Additional information:

The lists valid during the making were used as basis.

#### 8.2 Exposure controls

- · Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Do not inhale dust / smoke / mist. Avoid contact with the eyes.

Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

Safety glasses

Safety glasses

Body protection:

Impervious protective clothing

ΕU



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# SECTION 09: Physical and chemical properties

9.1 Information on basic physical and chemical properties

**General Information** 

Physical state Liquid

\* Colour: pale brown to dark brown

Odour: flora

Odour threshold: Not determined.

Boiling point or initial boiling point and Not determined.

boiling range

Flammability Not determined.

Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.

**Flash point:** > 100,0 °C NFT 60-103 CC

Decomposition temperature:Not determined.pHNot determined.

Viscosity:

Kinematic viscosity

Dynamic:

Not determined.

Not determined.

Solubility

water: Not determined.

Partition coefficient n-octanol/water (log Not determined.

value)

Vapour pressure: Not determined.

Density and/or relative density

**Density:** Not determined.

**Relative density** 0,9700 0,9900 (D20/20)

Vapour density Not determined.

**9.2 Other information** No further relevant information available.

Appearance:

Form: fluid

Important information on protection of health and environment, and on safety.

Auto-ignition temperature:Not determined.Explosive properties:Not determined.

Solvent content:

Solids content: 0,00 %

Change in condition

**Evaporation rate** Not determined.

Information with regard to physical hazard classes

**Explosives** not applicable Flammable gases not applicable **Aerosols** not applicable Oxidising gases not applicable Gases under pressure not applicable Flammable liquids not applicable Flammable solids not applicable Self-reactive substances and mixtures not applicable **Pyrophoric liquids** not applicable Pyrophoric solids not applicable Self-heating substances and mixtures not applicable Substances and mixtures, which emit not applicable flammable gases in contact with water

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Oxidising liquids not applicable Oxidising solids not applicable Organic peroxides not applicable Corrosive to metals not applicable not applicable **Desensitised explosives** 

## SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

- 10.2 Chemical stability
- 10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

Not determined.

# SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity
- LD/LC50 values relevant for classification:

ISO LD/LC

## **BENZYL BENZOATE**

Oral, LD50: 1700 mg/kg (rat)

Oral, LD50: 3450 mg/kg (mouse) (Bier, 1979) Dermal, LD50: 4000 mg/kg (Rabbit)

78-70-6 LINALOOL

Oral, LD50: 2790 mg/kg (rat)

Dermal, LD50: 5610 mg/kg (Rabbit) 105-87-3

**GERANYL ACETATE** Oral, LD50: >4000 mg/kg (rat) (NTP 1987)

87-44-5 **BETA-CARYOPHYLLENE** Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971)

benzyl acetate

Oral, LD50: 2490 mg/kg (rat) (INRS 2011)

Dermal, LD50: >5000 mg/kg (Rabbit) (INRS 2011)

**FARNESOL** 4602-84-0

Oral, LD50: 20000 mg/kg (rat) Dermal, LD50: 15000 mg/kg (rat)

93-58-3 methyl benzoate

Oral, LD50: 1177 mg/kg (rat)

104-93-8 p-Methylanisole

Oral, LD50: 1920 mg/kg (rat)

97-53-0 **EUGENOL** 

Oral, LD50: 1930 mg/kg (rat)

100-51-6 BENZYL ALCOHOL

Oral, LD50: 1200 mg/kg (ATE)

Oral, LD50: 1230 mg/kg (rat)

Dermal, LD50: 2000 mg/kg (Rabbit) Inhalative, LC50/4h: >12 mg/l (rat) (CIR assessment 2017)

106-44-5 P-CRESOL

Oral, LD50: 207 mg/kg (rat)

Dermal, LD50: 301 mg/kg (Rabbit)

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#### **PRODUCT:** YLANG ABSOLUTE (continued of page 7) **CINNAMYL ALCOHOL** Oral, LD50: 2000 mg/kg (rat) Dermal, LD50: >5000 mg/kg (Rabbit) 97-54-1 **ISOEUGENOL** Oral, LD50: 1560 mg/kg (rat) 5392-40-5 CITRAL Oral, LD50: 4960 mg/kg (rat) 119-36-8 METHYL SALICYLATE Oral, LD50: 890 mg/kg (ATE) Oral, LD50: 887 mg/kg (rat) **ESTRAGOL** Oral, LD50: 1230 mg/kg (rat) (Moreno 1972) 104-55-2 CINNAMAL Oral, LD50: 2220 mg/kg (rat) · Primary irritant effect: Skin corrosion/irritation Irritant to skin and mucous membranes. Causes skin irritation. · Serious eye damage/irritation 100-51-6 BENZYL ALCOHOL Irritation of eyes, OECD 405 DRAIZE: IRRITANT (Rabbit) (CIR assessment 2017) Irritating effect. Causes serious eye irritation. · Respiratory or skin sensitisation **BENZYL BENZOATE** Sensitisation, NESIL: 59000 ug/cm2 (human being) (Standard IFRA) 100-51-6 **BENZYL ALCOHOL** Sensitisation, NESIL: 5900 ug/cm2 (human being) (IFRA STANDARD) CINNAMAL Dermal, OECD 429 LLNA: SENSITIZER (mouse) (EC3 1,1%, RIFM 2004) Sensitization possible through skin contact. · Germ cell mutagenicity **BENZYL BENZOATE** OECD 471 AMES: NEGATIVE (in vitro) (Schunk and al., 1986) 78-70-6 LINALOOL OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007) 105-87-3 **GERANYL ACETATE** OECD 471 AMES: NEGATIVE (in vitro) (NTP 1987) 87-44-5 **BETA-CARYOPHYLLENE** OECD 471 AMES: NEGATIVE (in vitro) (Heck and al., 1989) 140-11-4 benzyl acetate OECD 471 AMES: NEGATIVE (in vitro) (Tennant and al., 1987) 104-93-8 p-Methylanisole OECD 471 AMES: NEGATIVE (in vitro) (RIFM 1984) BENZYL ALCOHOL OECD 471 AMES: NEGATIVE (in vitro) (Leifer and al., 1981) OECD 476 MLA TK: NOT CLASSIFIED (in vitro) (CHO; Anderson and al., 1990) 104-55-2 **CINNAMAL** OECD 471 AMES: NEGATIVE (in vitro) (NTP 2004) Carcinogenicity 78-70-6 LINALOOL Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007) Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011) 105-87-3 **GERANYL ACETATE** Micronoyau: NEGATIVE (mouse) (in vivo, Shelby 1993) 104-93-8 p-Methylanisole Micronoyau: NEGATIVE (mouse) (RIFM 2018) **ESTRAGOL** Micronoyau: NEGATIVE (mouse) (NTP 2008) **CINNAMAL** Micronoyau: NEGATIVE (mouse) (NTP 2004) Reproductive toxicity

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#### **PRODUCT:** YLANG ABSOLUTE

Not determined.

- STOT-single exposure Not determined.
- STOT-repeated exposure
  - Not determined.
- · Aspiration hazard
  - Not determined.
- · Subacute to chronic toxicity:
- LINALOOL 78-70-6

Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al., 2008)

- 87-44-5 **BETA-CARYOPHYLLENE**
- Oral, NOAEL: 700 mg/kg (rat) (90 days Schmitt 2016)
- 140-11-4 benzyl acetate
- Oral, NOAEL: 14,5 mg/kg (rat) (2 years, NTP 1993)
- p-Methylanisole 104-93-8
- Oral, NOAEL: 100 mg/kg (rat) (28 days, RIFM 2013)
  - 11.2 Information on other hazards
  - Endocrine disrupting properties
- None of the ingredients is listed.

## SECTION 12: Ecological information

#### 12.1 Toxicity

• Aquatic toxicity:

78-70-6 LINALOOL

LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991)

ErC50(0-72h): 156,7 mg/l (algae)

ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202)

- benzyl acetate
- ErC50(0-72h): 92 mg/l (algae) (RIFM 2017) ErC50(0-48h): 37 mg/l (daphnia) (RIFM 2011)
- 96h-LC50: 4,6 mg/l (fish) (RIFM 1994)
- 04-93-8 p-Methylanisole CE50/48h: 17 mg/l (daphnia) (RIFM 2018)
- 96h-LC50: 68,2 mg/l (fish) (RIFM 2018)
- 104-55-2 CINNAMAL
- ErC50(0-48h): 3,86 mg/l (daphnia) (RIFM 2003)
- 96h-LC50: 4,15 mg/l (fish) (RIFM 1993)

## 12.2 Persistence and degradability

No further relevant information available.

• Behaviour in environmental systems:

Not determined.

## 12.3 Bioaccumulative potential

No further relevant information available.

## 12.4 Mobility in soil

No further relevant information available.

## 12.5 Results of PBT and vPvB assessment

• PBT:

Not applicable.

vPvB:

Not applicable.

## 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### 12.7 Other adverse effects

No further relevant information available.

- Ecotoxical effects:
  - Not determined.
- Remark:
- Toxic for fish
- · Additional ecological information:

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General notes:

Toxic for aquatic organisms

The material is harmful to the environment.

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## SECTION 13: Disposal considerations

## 13.1 Waste treatment methods

- Recommendation
  - Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

## SECTION 14: Transport information

14.1 UN number or ID number

. ADR UN3082 . IMDG UN3082 . IATA UN3082

14.2 UN proper shipping name

. **ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(CANANGA ODORATA)

. **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(CANANGA ODORATA)

. IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(CANANGA ODORATA)

## 14.3 Transport hazard class(es)

. ADR

Class 9 (M6) Miscellaneous dangerous substances and articles.

Label





. IMDG

Class 9 Miscellaneous dangerous substances and articles.

. Label

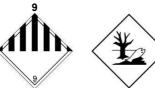




. IATA

Class 9 Miscellaneous dangerous substances and articles.

Label



14.4 Packing group

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14.5 Environmental hazards:

Marine pollutant: Yes
Danger code (Kemler): 90
EMS Number: F-A,S-F

14.6 Special precautions for user

Warning: Miscellaneous dangerous substances and articles.

14.7 Maritime transport in bulk according to IMO instruments Not applicable.

Transport/Additional information:

. ADR

Excepted quantities (EQ): E1
 Limited quantities (LQ) 5L
 Transport category 3
 Tunnel restriction code E

IMDG

Limited quantities (LQ)Excepted quantities (EQ)

Excepted quantities (EQ)UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CANANGA ODORATA), 9, III

## SECTION 15: Regulatory information

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

- PFAS
  - None of the ingredients is listed.
    - DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II
- None of the ingredients is listed.
  - REGULATION (EU) 2019/1148
  - Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
- None of the ingredients is listed.
  - Annex II REPORTABLE EXPLOSIVES PRECURSORS
- None of the ingredients is listed.
- Regulation (EC) No 273/2004 on drug precursors
  - None of the ingredients is listed.
  - Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
- None of the ingredients is listed.
  - National regulations:
- Technical instructions (air):
- Class Share in %
  - I 0,34
  - Waterhazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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## SECTION 16: Other information

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The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text

The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

#### Relevant phrases

*	H301	Toxic if swallowed.
*	H302	Harmful if swallowed.
*	H304	May be fatal if swallowed and enters airways.
*	H311	Toxic in contact with skin.
*	H312	Harmful in contact with skin.
*	H314	Causes severe skin burns and eye damage.
*	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.
*	H341	Suspected of causing genetic defects.
*	H351	Suspected of causing cancer.
*	H361	Suspected of damaging fertility or the unborn child.
*	H361d	Suspected of damaging the unborn child.
*	H400	Very toxic to aquatic life.
*	H411	Toxic to aquatic life with long lasting effects.
*	H412	Harmful to aquatic life with long lasting effects.

#### Training hints

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.

- Date of previous version:
  - 19.12.2022
- Version number of previous version:
- 1.00

## Abbreviations and acronyms:

IFRA:International Fragrance Association IOFI:International Organization of the Flavor Industry

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

#### Sources

IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

\* Data compared to the previous version altered.