

Version: N°1 (25/03/2024)

Floral Concept

JASMINE SAMBAC ABSOLUTE

Date: 25/03/2024 Page 1/13 Revision: N°78 (25/03/2024)

# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

## 1.1. Product identifier

CAS TSCA: 1034798-23-6 CAS EINECS: 91770-14-8 EINECS: 294-797-4

Product name: JASMINE SAMBAC ABSOLUTE

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

Aromatic Raw Material - Professional and industrial use.

#### Use descriptor system (REACH):

REACH registration number: Exempt for registration under REACH - production < 1 ton/year.

## 1.3. Details of the supplier of the safety data sheet

Registered company name: Floral Concept.

Address : Parc d'Activité des Hauts de Grasse - 60, Allée des Arômes.06530.Saint Cezaire sur Siagne.France.

Telephone: 33 (0)4 93 66 66 00. Fax: 33 (0)4 93 40 45 00.

contact@floral-concept.com
http://www.floral-concept.com

## 1.4. Emergency telephone number: +33 (0)1 45 52 59 59.

 $Association/Organisation: INRS \ / \ ORFILA \ http:: www.centres-antipoison.net.$ 

## Other emergency numbers

http://echa.europa.eu/fr/support/helpdesks/national-helpdesks/list-of-national-helpdesks/national-helpdesk

# **SECTION 2: HAZARDS IDENTIFICATION**

#### 2.1. Classification of the substance or mixture

# In compliance with EC regulation No. 1272/2008 and its amendments.

Acute inhalation toxicity, Category 4 (Acute Tox. 4, H332).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

## 2.2. Label elements

## In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms:





GHS07

GHS05

Signal Word:

DANGER

Product identifiers (list of classified components):

EC 201-134-4 LINALOOL EC 204-420-7 INDOLE

EC 246-669-4 CIS-3-HEXENYL BENZOATE

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EC 205-410-5 BENZYLNITRILE EC 230-597-5 NEROLIDOL (ISO

EC 230-597-5 NEROLIDOL (ISOMER UNSPECIFIED)

EC 225-004-1 FARNESOL

CAS 76841-70-8 TRANS-3-HEXENYL BENZOATE

EC 204-317-7 METHYL SALICYLATE
EC 203-212-3 CINNAMYL ALCOHOL
EC 201-746-1 BETA-CARYOPHYLLENE
EC 204-262-9 BENZYL SALICYLATE
EC 213-191-2 TRANS-2-HEXENOL
EC 202-590-7 ISOEUGENOL

Hazard statements:

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements - Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face

protection/hearing protection/...

Precautionary statements - Response:

P302 + P352 IF ON SKIN: Wash with plenty of water and soap.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor/... if you feel unwell.

## 2.3. Other hazards

The substance does not fulfil the PBT or vPvP criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1. Substances

**Composition:** 

Identification	Classification (EC) 1272/2008	Note	%
CAS: 140-11-4			13.6100%
EC: 205-399-7	Wng		
	Aquatic Chronic 3, H412		
BENZYL ACETATE			
CAS: 78-70-6	GHS07		9.6000%
EC: 201-134-4	Wng		
	Skin Irrit. 2, H315		
LINALOOL	Skin Sens. 1B, H317		
	Eye Irrit. 2, H319		
CAS: 120-72-9	GHS05, GHS06		7.7000%
EC: 204-420-7	Dgr		
	Acute Tox. 4, H302		
INDOLE	Acute Tox. 3, H311		
	Eye Dam. 1, H318		
CAS: 134-20-3	GHS07		6.6000%
EC: 205-132-4	Wng		
	Eye Irrit. 2, H319		
METHYL ANTHRANILATE			
CAS: 25152-85-6	GHS07, GHS09		6.4600%
EC: 246-669-4	Wng		
	Skin Sens. 1B, H317		
CIS-3-HEXENYL BENZOATE	Aquatic Chronic 2, H411		

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CAS: 100-51-6	GHS07	[1]	5.5000%
EC: 202-859-9	Wng		3.300070
10. 202 037 7	Acute Tox. 4, H302		
BENZYL ALCOHOL	Eye Irrit. 2, H319		
CAS: 140-29-4	GHS06		1.8000%
EC: 205-410-5	Dgr		1.000070
LC. 203-410-3	Acute Tox. 3, H301		
BENZYLNITRILE	Acute Tox. 3, H311		
DENZ I ENTRIEE	Acute Tox. 1, H330		
CAS: 60-12-8	GHS07		1.5200%
EC: 200-456-2	Wng		1.320070
LC. 200-430-2	Acute Tox. 4, H302		
PHENETHYL ALCOHOL	Eye Irrit. 2, H319		
CAS: 64-17-5	GHS02, GHS07	[1]	1.0000%
EC: 200-578-6	Dgr	[[1]	1.000070
LC. 200-376-0	Eye Irrit. 2, H319		
ETHYL ALCOHOL	Flam. Liq. 2, H225		
CAS: 7212-44-4	GHS07, GHS09		0.8000%
EC: 230-597-5	Wng		0.000070
EC. 230-371-3	Skin Sens. 1B, H317		
NEROLIDOL (ISOMER UNSPECIFIED)	Eye Irrit. 2, H319		
NEROLIDOL (ISOMER UNSFECIFIED)	Aquatic Acute 1, H400		
	M Acute = 1		
	Aquatic Chronic 1, H410		
	M Chronic = 1		
CAS: 120-51-4	GHS07, GHS09		0.8000%
EC: 204-402-9	Wng		0.8000%
EC: 204-402-9			
DENIZVI DENIZOATE	Acute Tox. 4, H302		
BENZYL BENZOATE	Aquatic Chronic 2, H411		
	Aquatic Acute 1, H400		
CAS 4602 04 0	M Acute = 1		0.40000/
CAS: 4602-84-0	GHS07, GHS09		0.4800%
EC: 225-004-1	Wng		
FARNEGOL	Skin Irrit. 2, H315		
FARNESOL	Skin Sens. 1B, H317		
	Eye Irrit. 2, H319		
	Aquatic Acute 1, H400		
	M Acute = 1		
	Aquatic Chronic 1, H410		
G + G - G (0.41 - G) 0	M Chronic = 1		0.25000/
CAS: 76841-70-8	GHS07, GHS09		0.2500%
	Wng		
TRANS-3-HEXENYL BENZOATE	Skin Sens. 1B, H317		
G + G + 110 2 C O	Aquatic Chronic 2, H411	503	0.25000/
CAS: 119-36-8	GHS07, GHS08, GHS05	[2]	0.2500%
EC: 204-317-7	Dgr		
	Acute Tox. 4, H302		
METHYL SALICYLATE	Skin Sens. 1B, H317		
	Eye Dam. 1, H318		
	Repr. 2, H361		
CAS 104 54 1	Aquatic Chronic 3, H412		0.21000/
CAS: 104-54-1	GHS07		0.2100%
EC: 203-212-3	Wng		
GDD111G1	Acute Tox. 4, H302		
CINNAMYL ALCOHOL	Skin Sens. 1B, H317		0.10000/
CAS: 87-44-5	GHS07, GHS08 0.1800%		0.1800%
EC: 201-746-1	Dgr		
	Asp. Tox. 1, H304		
BETA-CARYOPHYLLENE	Skin Sens. 1B, H317		1

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CAS: 118-58-1	GHS07	0.1400%
EC: 204-262-9	Wng	
	Skin Sens. 1B, H317	
BENZYL SALICYLATE	Eye Irrit. 2, H319	
	Aquatic Chronic 3, H412	
CAS: 6789-88-4	GHS09	0.1300%
EC: 229-856-5	Wng	
	Aquatic Acute 1, H400	
HEXYL BENZOATE	MAcute = 1	
	Aquatic Chronic 1, H410	
	M Chronic = 1	
CAS: 928-95-0	GHS02, GHS05, GHS07	0.1100%
EC: 213-191-2	Dgr	
	Flam. Liq. 3, H226	
TRANS-2-HEXENOL	Skin Corr. 1B, H314	
	Skin Sens. 1B, H317	
	Eye Dam. 1, H318	
CAS: 97-54-1	GHS07	0.0180%
EC: 202-590-7	Wng	
	Acute Tox. 4, H302	
ISOEUGENOL	Acute Tox. 4, H312	
	Skin Irrit. 2, H315	
	Skin Sens. 1A, H317	
	Eye Irrit. 2, H319	
	Acute Tox. 4, H332	
	STOT SE 3, H335	

**Specific concentration limits:** 

Identification	Specific concentration limits	ATE
CAS: 140-11-4		oral: ATE = 2490 mg/kg BW
EC: 205-399-7		
BENZYL ACETATE		
CAS: 78-70-6		oral: ATE = $2790 \text{ mg/kg BW}$
EC: 201-134-4		
LINALOOL		
CAS: 120-72-9		dermal: ATE = 790 mg/kg BW
EC: 204-420-7		oral: ATE = 1000 mg/kg BW
INDOLE		1 1777 0700 // 7777
CAS: 134-20-3		oral: ATE = $2780 \text{ mg/kg BW}$
EC: 205-132-4		
METHYL ANDID AND ATE		
METHYL ANTHRANILATE		1 ATE 1/00 // DW
CAS: 100-51-6 EC: 202-859-9		oral: ATE = 1620 mg/kg BW
EC: 202-859-9		
BENZYL ALCOHOL		
CAS: 140-29-4		inhalation: ATE = 0.2 mg/l 4h
EC: 205-410-5		(vapours)
EC. 203-410-3		dermal: ATE = 270 mg/kg BW
BENZYLNITRILE		oral: ATE = $260 \text{ mg/kg BW}$
CAS: 60-12-8		oral: ATE = 1610 mg/kg BW
EC: 200-456-2		orani i i i i i i i i i i i i i i i i i i
20.200.202		
PHENETHYL ALCOHOL		
CAS: 120-51-4		oral: ATE = 1160 mg/kg BW
EC: 204-402-9		
BENZYL BENZOATE		
	<del></del>	<del></del>

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CAS: 119-36-8		oral: ATE = 890 mg/kg BW
EC: 204-317-7		
METHYL SALICYLATE		
CAS: 104-54-1		oral: ATE = 2000 mg/kg BW
EC: 203-212-3		
CINNAMYL ALCOHOL		
CAS: 118-58-1		oral: ATE = $2200 \text{ mg/kg BW}$
EC: 204-262-9		
BENZYL SALICYLATE		
CAS: 928-95-0		dermal: ATE = $4500 \text{ mg/kg BW}$
EC: 213-191-2		oral: ATE = 3500 mg/kg BW
TRANS-2-HEXENOL		
CAS: 97-54-1	Skin Sens. 1A: H317 C>= 0.01%	dermal: ATE = 1912 mg/kg BW
EC: 202-590-7		oral: ATE = 1500 mg/kg BW
ISOEUGENOL		

#### **Information on ingredients:**

- [1] Substance for which maximum workplace exposure limits are available.
- [2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

## **SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

# 4.1. description of first aid measures

# In the event of exposure by inhalation:

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not proceed with mouth-to-mouth or mouth-to-nose resuscitation. Use the appropriate equipment.

## In the event of splashes or contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

## In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated aera is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

## In the event of swallowing:

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

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## SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

# 5.1. Extinguishing media

## 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)
- carbon dioxide (CO2)

## 5.3. Advice for firefighters

No data available.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

# For non first aid worker

Avoid inhaling the vapors.

Avoid any contact with the skin and eyes.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

## 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

## 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

Important spillage should be contained by use of sand or an inery absorbent product.

Pump and rinse with water after waste recovery.

Waste and rinsing water should be disposed by an accredited company.

# 6.4. Reference to other sections

No data available.

# **SECTION 7: HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the substance is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this substance.

# 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Provide emergency showers and eye wash stations will be required in facilities where the substance is handled constantly.

# Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

## Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid inhaling vapors.

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

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Provide vapor extraction at the emission source and also general ventilation of the premises.

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.

In all cases, recover emissions at source.

Avoid eye contact with this substance at all times.

#### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the substance is used.

#### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

#### Storage

Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protect from light in tightly closed original container.

#### **Packaging**

Always keep in packaging made of an identical material to the original.

#### 7.3. Specific end use(s)

No data available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

#### **Occupational exposure limits:**

- Germany - AGW (BAuA - TRGS 900, 02/2022) :

CAS	VME:	VME:	Excess	Notes
100-51-6		5 ppm		2 (I)
		22 mg/m3		
64-17-5		200 ppm		4(II)
		380 mg/m3		

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

(			,		
CAS	TWA:	STEL:	Ceiling:	Definition:	Criteria:
64-17-5	1000 ppm				
	1920 mg/m3				

#### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):







Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

# - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

## - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

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Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

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#### - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## - Respiratory protection

Avoid inhaling vapors.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387:

- A1 (Brown)
- A2 (Brown)

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

Physical state

Physical state: Fluid liquid.

Appearance: Liquid at room temperature.

Colour

Color: Orange to brown red.

Odour

Odour threshold: Not stated.

Odour: Green, floral, animal.

Melting point

Melting point/melting range: Not specified.

Freezing point

Freezing point / Freezing range : Not stated.

Boiling point or initial boiling point and boiling range

Boiling point/boiling range: Not specified.

**Flammability** 

Flammability (solid, gas): Not stated.

Lower and upper explosion limit

Explosive properties, lower explosivity limit (%) Not stated.

Explosive properties, upper explosivity limit (%) Not stated.

:

Flash point

Flash Point: 90.00 °C.

--Method: ISO 11018:1997 (closed cup).

Auto-ignition temperature

Self-ignition temperature: Not specified.

**Decomposition temperature** 

Decomposition point/decomposition range: Not specified.

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pН

pH: Not relevant. pH (aqueous solution): Not stated.

Kinematic viscosity

 $\begin{array}{lll} \mbox{Viscosity:} & \mbox{Not stated.} \\ \mbox{Viscosity:} & \mbox{v} < 7 \ \mbox{mm2/s} \ (40 \ \mbox{°C}) \\ \mbox{--Method:} & \mbox{Estimated value.} \end{array}$ 

**Solubility** 

Water solubility: Insoluble. Fat solubility: Not stated.

Solubility: Soluble in ethyl alcohol - ISO 875:1999.

Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water: Not stated.

Vapour pressure

Vapour pressure (50°C): Between 175 kPa and 300 kPa inclusive.

--Method: Estimated value.

Density and/or relative density

Density: [0.930; 0.980] - ISO 279:1999.

Relative vapour density

Vapour density: Not stated.

Particle characteristics

The substance does not contain nanoforms.

9.2. Other information

Optical rotation : [-;-] - ISO 592:1999.

Index of refraction: [1.490; 1.520] - ISO 280:1999.

Country of origin for the raw material: India.

Transformation's country: France.

9.2.1. Information with regard to physical hazard classes

No data available.

## 9.2.2. Other safety characteristics

No data available.

# SECTION 10: STABILITY AND REACTIVITY

## 10.1. Reactivity

Oxidation risk on a long-term period.

#### 10.2. Chemical stability

This substance is stable under the recommended handling and storage conditions in section 7.

## 10.3. Possibility of hazardous reactions

No data available.

## 10.4. Conditions to avoid

Excessive temperatures (>40°C)

Light exposure.

Heat source exposure.

# 10.5. Incompatible materials

Acids, bases and oxidizers.

# 10.6. Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO)
- carbon dioxide (CO2)

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## SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Harmful by inhalation.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

May cause an allergic reaction by skin contact.

#### 11.1.1. Substances

Acute toxicity:

ISOEUGENOL (CAS: 97-54-1)

Oral route: LD50 = 1500 mg/kg bodyweight/day

Dermal route : LD50 = 1912 mg/kg bodyweight/day

TRANS-2-HEXENOL (CAS: 928-95-0)

Oral route : LD50 = 3500 mg/kg bodyweight/day

Dermal route : LD50 = 4500 mg/kg bodyweight/day

BENZYL SALICYLATE (CAS: 118-58-1)

Oral route: LD50 = 2200 mg/kg bodyweight/day

CINNAMYL ALCOHOL (CAS: 104-54-1)

Oral route : LD50 = 2000 mg/kg bodyweight/day

METHYL SALICYLATE (CAS: 119-36-8)

Oral route: LD50 = 890 mg/kg bodyweight/day

BENZYL BENZOATE (CAS: 120-51-4)

Oral route: LD50 = 1160 mg/kg bodyweight/day

PHENETHYL ALCOHOL (CAS: 60-12-8)

Oral route : LD50 = 1610 mg/kg bodyweight/day

BENZYLNITRILE (CAS: 140-29-4)

Oral route: LD50 = 260 mg/kg bodyweight/day

Dermal route : LD50 = 270 mg/kg bodyweight/day

Inhalation route (Vapours): LC50 = 0.2 mg/l

Duration of exposure : 4 h

BENZYL ALCOHOL (CAS: 100-51-6)

Oral route: LD50 = 1620 mg/kg bodyweight/day

METHYL ANTHRANILATE (CAS: 134-20-3)

Oral route: LD50 = 2780 mg/kg bodyweight/day

INDOLE (CAS: 120-72-9)

Oral route: LD50 = 1000 mg/kg bodyweight/day

Dermal route : LD50 = 790 mg/kg bodyweight/day

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LINALOOL (CAS: 78-70-6)

Oral route : LD50 = 2790 mg/kg bodyweight/day

BENZYL ACETATE (CAS: 140-11-4)

Oral route: LD50 = 2490 mg/kg bodyweight/day

#### 11.1.2 Complex substance

No toxicological data available for the substances.

#### 11.2. Information on other hazards

#### Monograph(s) from the IARC (International Agency for Research on Cancer):

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 117-81-7: IARC Group 2B: The agent is possibly carcinogenic to humans.

CAS 97-53-0: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

CAS 64-17-5: IARC Group 1: The agent is carcinogenic to humans.

CAS 140-11-4: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

## **SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

#### 12.1. Toxicity

## 12.1.2 Complex substance

No aquatic toxicity data available for the substances.

## 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

## 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

No data available.

## 12.6. Endocrine disrupting properties

No data available.

#### 12.7. Other adverse effects

No data available.

## German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws):

WGK 3: Extremely hazardous for water.

#### SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the substance and/or its container must be determined in accordance with Directive 2008/98/EC.

#### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

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#### SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number or ID number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Maritime transport in bulk according to IMO instruments

#### **SECTION 15: REGULATORY INFORMATION**

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

#### Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

## **Container information:**

No data available.

## Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

XVII 1907/2006 not restricted under Annex of Regulation (REACH): (EC) no. https://echa.europa.eu/substances-restricted-under-reach.

## **Explosives precursors:**

The substance is not subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

#### **Particular provisions:**

No data available.

## German regulations concerning the classification of hazards for water (WGK, AwSV Annex I, KBws):

WGK 3: Extremely hazardous for water.

# Swiss ordinance on the incentive tax on volatile organic compounds:

111-27-3 hexane-1-ol 100-51-6 Alcool benzylique

64-17-5 éthanol, seulement s'il s'agit d'alcools impropres à la consommation (art. 31 de la loi fédérale sur l'alcool)

5989-27-5 D-limonène ([R]-p-mentha-1,8-diene)

140-11-4 acétate de benzyle

## 15.2. Chemical safety assessment

No data available.

## **SECTION 16: OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the substance and not as a guarantee of the properties thereof.

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Highly flammable liquid and vanour

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## Wording of the phrases mentioned in section 3:

H225	Highly Hammable liquid and vapour.
H226	Flammable liquid and vapour.
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.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

#### Abbreviations and acronyms:

LD50: The dose of a test substance resulting in 50% lethality in a given time period.

LC50: The concentration of a test substance resulting in 50% lethality in a given period.

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

ATE: Acute Toxicity Estimate

BW: Body Weight

CMR: Carcinogenic, mutagenic or reprotoxic.

STEL : Short-term exposure limit TWA : Time Weighted Averages

TLV: Threshold Limit Value (exposure)

AEV: Average Exposure Value.

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods. IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefahrdungsklasse (Water Hazard Class).

GHS05 : Corrosion

GHS07: Exclamation mark

PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable. SVHC: Substances of very high concern.