

Safety Data Sheet

section

1

Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name/designation : Scent fruit défendu.

Article No (user) : 2457884.

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

Relevant identified uses : Ingredient for industrial use: perfume composition.

Uses advised against : No data available.

1.3 Details of the supplier of the safety data sheet

Supplier : **Name:** LAB SAS
Street: 1 rue de la clef des champs
Postal code/City: 68600 Volgelsheim
Country: France :
Telephone: 33 (0) 3 89 22 77 65
E-mail: Office@labsys.fr

1.4 Emergency Telephone Number

United Kingdom:

+33 (0)1 45 42 59 59 (24h/24 7j/7).

+35625454030 +35 (0) 31 837 9964 (medical professionals) +35 (0) 31 809 2166 (public) In England and Wales: dial 111 (NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours.

During GP Out-of-Hours (www.gpoutofhours.hscni.net/): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195.

section

2

Hazards identification

2.1 Classification of the substance or mixture

Classification according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Hazards identification:

H317	Skin Sens. 1B	May cause an allergic skin reaction.
H319	Eye Irrit. 2	Causes serious eye irritation
H400	Aquatic Acute 1	Very toxic to aquatic life.
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.

2.2 Label elements

Label elements according to the regulation (EC) n°1272/2008 (CLP) and its amendments

Labelling

Hazard pictograms



Signal word

Warning

Hazard Statements

- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements - Prevention

- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+ P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.

Precautionary Statements - Disposal

- P501 internationale

Contains

α-hexylcinnamaldehyde, coumarin, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, cinnamaldehyde

2.3 Other hazards

The mixture does not contain any components considered to have endocrine disrupting properties in accordance with Article 57(f) of REACH or Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 of the Commission at levels of 0.1% or more.

section **3**

Composition/information on ingredients

3.2 Mixtures

The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>.

Substance	Concentration (%)	Specific concentration limits	Classification
benzyl benzoate			
CAS N° 120-51-4 EC N° 204-402-9 IDX N° 607-085-00-9 Registration number 01-2119976371-33-XXXX	C= 20.15%	ETA (orale): 1500 mg/kg Macute = 1	H302 Acute Tox. 4 ORAL H400 Aquatic Acute 1 H411 Aquatic Chronic 2
α-hexylcinnamaldehyde			
CAS N° 101-86-0 EC N° 202-983-3 IDX N° Registration number	C= 10.0%	ETA (orale): 3100 mg/kg M=1 (toxicité aiguë)	H317 Skin Sens. 1B H400 Aquatic Acute 1 H411 Aquatic Chronic 2
coumarin			

CAS N°	91-64-5	C= 5.0%	ETA (orale): 500 mg/kg	H302 Acute Tox. 4 ORAL H317 Skin Sens. 1B
EC N°	202-086-7			
IDX N°				
Registration number	01-2119949300-45-XXXX,01-2119943756-26-XXXX			
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one				
CAS N°	54464-57-2	C= 5.0%	Macute = 1	H315 Skin Irrit. 2 H317 Skin Sens. 1B H410 Aquatic Chronic 1
EC N°	259-174-3			
IDX N°				
Registration number				
vanillin				
CAS N°	121-33-5	C= 5.0%	ETA (orale): 3300 mg/kg ETA (cutanée): 2600 mg/kg	H319 Eye Irrit. 2
EC N°	204-465-2			
IDX N°				
Registration number	01-2119516040-60-XXXX			
α,β,2,2,3-pentamethylcyclopent-3-ene-1-butanol				
CAS N°	65113-99-7	C= 3.5%		H319 Eye Irrit. 2 H411 Aquatic Chronic 2
EC N°	265-453-0			
IDX N°				
Registration number				
benzaldehyde				
CAS N°	100-52-7	C= 1.5%	ETA (cutanée): 2500 mg/kg ETA (inhalation, vapeur): 15 mg/l/4h ETA (orale): 1430 mg/kg	H302 Acute Tox. 4 ORAL H315 Skin Irrit. 2 H319 Eye Irrit. 2 H332 Acute Tox. 4 INHALATION H335 STOT SE 3 H335
EC N°	202-860-4			
IDX N°	605-012-00-5			
Registration number	01-2119455540-44-XXXX			
3-ethoxy-4-hydroxybenzaldehyde				
CAS N°	121-32-4	C= 1.5%	ETA (orale): 3000 mg/kg	H319 Eye Irrit. 2
EC N°	204-464-7			
IDX N°				
Registration number	01-2119958961-24-XXXX			
2-phenylethanol				
CAS N°	60-12-8	C= 1.5%	ETA (orale): 1610 mg/kg ETA (cutanée): 2500 mg/kg	H302 Acute Tox. 4 ORAL H319 Eye Irrit. 2
EC N°	200-456-2			
IDX N°				
Registration number	01-2119963921-31-XXXX			
anisaldehyde				
CAS N°	123-11-5	C= 1.0%	ETA (orale): 3210 mg/kg	H412 Aquatic Chronic 3
EC N°	204-602-6			
IDX N°				
Registration number	01-2119977101-43-XXXX			
cinnamaldehyde				
CAS N°	104-55-2	C= 0.2%		H312 Acute Tox. 4 DERMAL

EC N°	203-213-9		ETA (orale): 2200 mg/kg	H315 Skin Irrit. 2
IDX N°	606-155-00-6			H317 Skin Sens. 1A
Registration number	01-2119935242-45-XXXX,01-2119950687-24-XXXX		ETA (cutanée): 1100 mg/kg	H319 Eye Irrit. 2 H412 Aquatic Chronic 3
veratraldehyde				
CAS N°	120-14-9	C= 0.15%	ETA (orale): 2000 mg/kg	H302 Acute Tox. 4 ORAL
EC N°	204-373-2			H317 Skin Sens. 1B
IDX N°				
Registration number	01-2120739621-56-XXXX			
methyl 2,4-dihydroxy-3,6-dimethylbenzoate				
CAS N°	4707-47-5	C= 0.15%		H317 Skin Sens. 1B
EC N°	225-193-0			
IDX N°				
Registration number	01-2120762759-36-XXXX			
eugenol				
CAS N°	97-53-0	C= 0.1%	ETA (orale): 2500 mg/kg	H317 Skin Sens. 1B
EC N°	202-589-1			H319 Eye Irrit. 2
IDX N°				
Registration number	01-2119971802-33-XXXX			
citral				
CAS N°	5392-40-5	C= 0.1%		H315 Skin Irrit. 2
EC N°	226-394-6			H317 Skin Sens. 1
IDX N°	605-019-00-3			H319 Eye Irrit. 2
Registration number	01-2119462829-23-XXXX			
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one				
CAS N°	23726-93-4	C= 0.1%	ETA (cutanée): 2900 mg/kg	H315 Skin Irrit. 2
EC N°	245-844-2			H317 Skin Sens. 1A
IDX N°				H411 Aquatic Chronic 2
Registration number	01-2120105798-49-XXXX			
2-Propenoic acid, 3-phenyl-, phenylmethyl ester				
CAS N°	103-41-3	C= 0.06%	ETA (orale): 3280 mg/kg	H317 Skin Sens. 1B
EC N°	203-109-3			H400 Aquatic Acute 1
IDX N°	607-133-00-9			H411 Aquatic Chronic 2
Registration number	01-2120762246-53-XXXX			
isoeugenol				
CAS N°	97-54-1	C= 0.053%	ETA (cutanée): 1912 mg/kg	H302 Acute Tox. 4 ORAL
EC N°	202-590-7		ETA (orale): 1500 mg/kg	H312 Acute Tox. 4 DERMAL
IDX N°	604-094-00-X		ETA (inhalation, vapeur): 11.25 mg/l/4h	H315 Skin Irrit. 2
Registration number				H317 Skin Sens. 1A
				H319 Eye Irrit. 2
				H332 Acute Tox. 4 INHALATION
				H335 STOT SE 3 H335

		(Specific concentration limit - ATP 13 - Reg 1272/2008 Skin. sens 1 A - H317 = 0.01% EUH 208 = 0.001%)	
hex-2-en-1-ol			
CAS N°	2305-21-7	C= 0.05%	H226 Flam. Liq. 3 H314 Skin Corr. 1B H317 Skin Sens. 1B H318 Eye Dam. 1
EC N°	218-972-1		
IDX N°			
Registration number			
2-tert-butylhydroquinone			
CAS N°	1948-33-0	C= 0.02%	H302 Acute Tox. 4 ORAL H312 Acute Tox. 4 DERMAL H315 Skin Irrit. 2 H317 Skin Sens. 1A H319 Eye Irrit. 2 H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	217-752-2		
IDX N°			
Registration number	01-2119947988-11-XXXX		
Heptanal, 2-(phenylmethylene)-, (2E)-			
CAS N°	78605-96-6	C= 0.02%	H317 Skin Sens. 1B H411 Aquatic Chronic 2
EC N°	800-696-3		
IDX N°			
Registration number	10216		
3,7,11-trimethyldodeca-1,6,10-trien-3-ol,mixed isomers			
CAS N°	7212-44-4	C= 0.01%	H317 Skin Sens. 1B H319 Eye Irrit. 2 H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	230-597-5		
IDX N°			
Registration number	01-2119457636-29-XXXX		
cinnamyl alcohol			
CAS N°	104-54-1	C= 0.01%	ETA (orale): 2000 mg/kg H302 Acute Tox. 4 ORAL H317 Skin Sens. 1B H411 Aquatic Chronic 2
EC N°	203-212-3		
IDX N°			
Registration number	01-2119934496-29-XXXX		

Remark

Not available

section

4

First aid measures

4.1 Description of first aid measures

General information:

In case of excessive inhalation, take the person to fresh air and keep them in a resting position. Consult a doctor. Remove contaminated clothing immediately, wash skin with water and soap, and rinse thoroughly for at least 20 minute. Remove contaminated clothing, wash skin with water and soap.

Following inhalation:

If irritation persists, or if lesions appear, consult a doctor.

If you wear contact lenses, remove them. In case of contact with the eyes, rinse the eyes thoroughly with water for about twenty minutes. If irritation persists, or if lesions appear, consult a doctor.

Following skin contact:

Consult a doctor if irritation persists or lesions appear.

Following eye contact:

Rinse eyes thoroughly with water for about twenty minutes.

Consult a doctor if irritation persists or lesions appear.

Following ingestion:

Rinse mouth with water. Do not give anything to drink. Do not attempt to induce vomiting and call a doctor.

Do not give anything to drink.

Do not attempt to make vomit.

Call a doctor.

IF SWALLOWED: Rinse mouth.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor:

Treat symptomatically.

section 5	Firefighting measures
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5.1 Extinguishing media

Suitable extinguishing media:

Powder/foam or carbon dioxide fire extinguisher. Fight large fires with sprayed water or alcohol-resistant foam. Sprayed water or alcohol-resistant foam.

Unsuitable extinguishing media:

Do not direct a jet of water directly onto the ignited product.

5.2 Special hazards arising from the substance or mixture

Combustion releases carbon monoxide, carbon dioxide and smoke. Exposure to substances produced as a result of combustion or decomposition may be hazardous to health.

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

5.3 Advice for firefighters

Use a self-contained breathing apparatus and a suit designed for firefighting.

Prevent heating of containers with water curtains.

Additional information

Not available

section 6	Accidental release measures
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6.1 Personal precautions, protective equipment and emergency procedures

Do not smoke. Do not expose to a flame or any potential source of ignition (e.g. electrical equipment).

Avoid contact with the skin, as well as inhalation of vapors. Ensure adequate ventilation of the workplace.

Do not expose to flame or any potential source of ignition (e.g. electrical equipment).

Avoid contact with the skin, as well as inhalation of vapors.

Avoid contact with skin and eyes.

The participants will be equipped with appropriate personal protective equipment.

6.2 Environmental precautions

Avoid any direct discharge into the sewer, surface water, and groundwater, do not penetrate into the soil (see point 6.3).

6.3 Methods and material for containment and cleaning up

Absorb material with inert absorbent powders or granules (sand...).

Significant overflows must be absorbed by sand or an inert powder, then disposed of according to current regulations. Clean the powder with a vacuum cleaner. Wash with water and detergent.

If rags are used for wiping, dispose of them quickly by incineration, as cases of self-oxidation with spontaneous combustion are known.

Wash with water and detergent.

Elimination of gas/smoke by water spraying.

6.4 Reference to other sections

For exposure control and individual protection measures, see paragraph 8.
 For waste disposal considerations, see paragraph 13.

Additional information

Not available

section	7	Handling and Storage
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7.1 Precautions for safe handling

PROTECTIVE MEASURES:

Avoid contact with skin and eyes. Wear suitable gloves and eye protection. Ensure adequate ventilation of work area. Follow appropriate hygiene rules: do not drink, eat, or smoke during handling. Do not expose to flame or any potential source of ignition.

Avoid breathing gas/fumes/vapour/spray.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.

Keep container in upright position in order to prevent leakage.

Requirements for storage rooms and vessels:

Store at room temperature (20°C +/- 5°C), in a cool, dry, well-ventilated place, protected from light, in original containers if possible, full and tightly closed. Keep away from sources of ignition.

Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

section	8	Exposure controls/personal protection
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8.1 Control parameters

Occupational exposure limits:

Not available

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

Provide adequate ventilation as well as local exhaustion at critical locations.

Individual protection measures, such as personal protective equipment: Not available

Eye/face protection : **Suitable eye protection:**
 Wear eye protection equipment.

Skin protection	: Hand protection: By short-term hand contact: Avoid contact with the skin. Use chemical-resistant gloves, if necessary. Body protection: Suitable protective clothing: No special measures are necessary.
Respiratory protection	: Respiratory protection necessary at: Avoid excessive inhalation of vapors. If necessary, wear a gas filtering mask. (EN14387: 2004 + A1: 2008). Suitable respiratory protection apparatus: Wear respiratory protection.
Environmental exposure controls: Not available	
Consumer exposure controls: Not available	
<u>Additional information</u> Not available	

section 9	Physical and chemical Properties
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9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colorless To Pale Yellow.
Odour	: Oriental-balsamic - Fruity - Spicy
pH	: Not available
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: Not available
Flash point	: > 100°C
Flammability	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Vapour density	: Not available
Relative density	: 1.0372
Solubility(ies)	: Soluble
Partition coefficient n-octanol/water (log value)	: Not applicable
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Dynamic viscosity	: Not applicable
Kinematic viscosity	: Not available
Oxidising properties	: Not available
Solubility in other Solvents	: Not available
Particle characteristics	: Not applicable

9.2 Other safety information

Information concerning to the classes of physical hazards

Not available

Other security characteristics

Nil.

section 10	Stability and Reactivity
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10.1 Reactivity

Avoid contact with oxidizing agents.
Does not present a risk of reactivity by itself or in contact with water.
For any use in alcoholics, it would be preferable to use slightly acidic water with a pH of 6-6.5.

10.2 Chemical stability

Stable under normal environmental conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction under normal conditions of use.

10.4 Conditions to avoid

Avoid temperatures near or above the flash point. Do not heat closed containers.
Do not heat closed containers.

10.5 Incompatible materials

Keep away from oxidizing agents or highly alkaline or acidic materials.

10.6 Hazardous decomposition products

No known hazardous decomposition products under recommended storage conditions.

Additional information

Not available

section 11	Toxicological information
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11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Acute dermal toxicity:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Acute inhalation toxicity:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Skin corrosion/irritation:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Serious eye damage/irritation:

No toxicological data on the mixture itself.
The product is classified Eye Irrit. 2 according to the referenced regulation.
Causes serious eye irritation.

Substances:

Not available

Skin sensitisation:

No toxicological data on the mixture itself.
The product is classified Skin Sens. 1 according to the referenced regulation.
May cause an allergic skin reaction.

Substances:

Not available

Specific target organ toxicity (repeated exposure):

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Specific target organ toxicity (single exposure):

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Carcinogenicity:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Reproductive toxicity:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Germ cell mutagenicity:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Sensitisation to the respiratory tract:

No toxicological data on the mixture itself.
The product is not classified.

Substances:

Not available

Additional information:

Not available

11.2 Information on other hazards

Other information:

Perfumery products should not be ingested under any circumstances. Keep them away from food and drink.

section	12	Ecological information
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12.1 Toxicity

An environmental hazard cannot be ruled out in the event of non-professional handling or disposal.
For all substances listed in paragraph 3 and classified as EH A1 and/or EH C1, the M FACTOR is equal to 1.

Substances:

Not available

12.2 Persistence and degradability

This information is not available.

Substances:

Not available

12.3 Bioaccumulative potential

This information is not available.

Substances:

Not available

12.4 Mobility in soil

This information is not available.

Substances:

Not available

12.5 Results of PBT and vPvB assessment

This mixture does not contain any component considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or more.

12.6 Endocrine disrupting properties

The mixture does not contain any components considered to have endocrine-disrupting properties in accordance with Article 57(f) of REACH or Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or more.

12.7 Other adverse effects

Very toxic to aquatic organisms, causes long-term harmful effects. If the fragrance is classified as H411: Toxic to aquatic life with long-lasting effects. If the fragrance is classified as H412: Harmful to aquatic organisms, causes long-term harmful effects.

Additional ecotoxicological information

Not available

section	13	Disposal considerations
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13.1 Waste treatment methods

Product/Packaging disposal:

Waste treatment options:

Appropriate disposal/Product:

Must be disposed of in an approved landfill or incinerated in an approved facility while complying with local regulatory requirements.

Avoid disposal down the drain and dispersal into the environment.





Appropriate disposal/Package:

Empty packaging must be taken to an approved site for waste treatment for recycling or disposal.

Additional information

Not available

section	14	Transport information
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	Land transport (ADR/RID):	Inland waterway transport (ADN):	Sea transport (IMDG):	Air transport (ICAO-TI/IATA-DGR):
14.1 UN number:	3082	3082	3082	3082
14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS MATERIAL, LIQUID, N.O.S.
14.3 Transport hazard class(es):				
Class or Division:	9	9	9	9
Hazard label(s):				

14.4 <u>Packing group:</u>	III	III	III	III
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14.5 Environmental hazards

Not available

14.6 Special precautions for user

Not available

14.7 Bulk shipping according to IMO instruments

Not available

Additional information

Not available

section 15	Regulatory information
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with REACH regulation, including its amendments: REACH Regulation (EC) No 1907/2006.

This SDS has been established in accordance with CLP regulation, including its amendments: CLP Regulation EC No. 1272/2008.

EU legislation:

Based on the available eco-toxicological data, this product is classified according to European criteria regarding the classification for the environment of preparations.

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]:

"Hazardous to the aquatic environment, category acute 1 or chronic 1. The total quantity likely to be present in the facility being: 1. greater than or equal to 100 t.....A 2. Greater than or equal to 20 t but less than 100 t.....DC Low threshold quantity as defined in article R. 511-10: 100 t High threshold quantity as defined in article R. 511-10: 200 t".

"Hazardous to the aquatic environment, chronic category 2. The total quantity likely to be present in the installation being: 1. greater than or equal to 200 t.....A 2. Greater than or equal to 100 t but less than 200 tDC Low threshold quantity as defined in article R. 511-10: 200 t High threshold quantity as defined in article R. 511-10: 500 t".

EU legislation:

COMMISSION REGULATION (EU) 2023/1545 (Allergen List):

Substance	CAS	EC
benzyl benzoate	120-51-4	204-402-9
α-hexylcinnamaldehyde	101-86-0	202-983-3
coumarin	91-64-5	202-086-7
cinnamaldehyde	104-55-2	203-213-9
eugenol	97-53-0	202-589-1
citral	5392-40-5	226-394-6
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	23726-93-4	245-844-2
isoeugenol	97-54-1	202-590-7

National regulations:

Cosmetic Ingredient Hotlist:

Substance	CAS	EC
2-tert-butylhydroquinone	1948-33-0	217-752-2

Occupational Exposure Limit Values (long term) - Canada (Ontario):

Substance	CAS	EC
citral	5392-40-5	226-394-6

Occupational Exposure Limit Values (long term) - Ireland:

Substance	CAS	EC
citral	5392-40-5	226-394-6

Occupational Exposure Limit Values (short term) - Canada (Ontario):

Substance	CAS	EC
benzaldehyde	100-52-7	202-860-4

U.S. - NY - RTK:

Substance	CAS	EC
benzaldehyde	100-52-7	202-860-4

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

Additional information

No chemical safety assessment has been conducted for this mixture by the supplier.

section 16 Other information

Indication of changes

Not applicable (first edition of the MSDS).

Abbreviations and acronyms

Agreement for the Transport of Dangerous Goods by Road, EC: European Community, CLP: Classification, Labelling and Packaging, CMR: Carcinogenic Mutagenic Reprotoxic, ETA: Estimated Acute Toxicity, EU: European Union, IATA: International Air Transport Association, ID Number: Identification Number, IMDG: International Maritime Dangerous Goods, M: M factor, EINECS Number: Inventory of existing chemical substances on the European market, ELINCS Number: European List of Notified Chemical Substances, CAS Number: Chemical Abstract Service Number, IMO: International Maritime Organization, PBT: Persistent, Bioaccumulative and Toxic Substance, Reproductive Toxicity, SS: Skin Sensitization, UFI: Unique Formulation Identifier, UN: United Nations, OEL: Occupational Exposure Limit, STEL: Short Term Exposure Limit, vPvB: very Persistent and very Bioaccumulative Substance, FR: France, WGK: Aquatic Hazard Class. CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods Code.

DPD Dangerous Preparation Directive.

UN number: United Nations number.

No EC: European Commission Number.

ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.

ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.

CLP: Classification, labeling and packaging.

VPvB: very persistent and very bioaccumulative substances.

Key literature references and sources for data

Not available

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.

Relevant R-, H- and EUH-phrases (Number and full text)

Acute toxicity (oral), category 4, Aquatic Acute 1: Hazardous to the aquatic environment - Acute hazard, category 1, Aquatic Chronic 1: Hazards to the aquatic environment - Chronic hazard, category 1, Aquatic Chronic 2: Hazards to the

aquatic environment - Chronic hazard, category 2, Aquatic Chronic 3: Hazards to the aquatic environment - Chronic hazard, category 3, Eye Irrit. 2: Serious eye damage/eye irritation, category 2, Skin Irrit. 2: Skin corrosion/irritation, category 2, Skin Sens. 1A: Skin sensitization, category 1A, Skin Sens. 1B: Skin sensitization, category 1B, STOT SE 3: Specific target organ toxicity - Single exposure, category 3: Respiratory irritation, H302: Harmful if swallowed, H315: Causes skin irritation, H317: May cause an allergic skin reaction, H319: Causes severe eye irritation, H332: Harmful if inhaled, H335: May irritate respiratory system, H400: Very toxic to aquatic organisms, H410: Very toxic to aquatic organisms, causes long-term adverse effects, H411: Toxic to aquatic organisms, causes long-term adverse effects, H412: Harmful to aquatic organisms, causes long-term adverse effects.

H226	Flam. Liq. 3	Flammable liquid and vapour.
H302	Acute Tox. 4 ORAL	Harmful if swallowed
H312	Acute Tox. 4 DERMAL	Harmful in contact with skin.
H314	Skin Corr. 1B	Causes severe skin burns and eye damage
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1B	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage
H319	Eye Irrit. 2	Causes serious eye irritation
H332	Acute Tox. 4 INHALATION	Harmful if inhaled.
H335	STOT SE 3 H335	May cause respiratory irritation
H400	Aquatic Acute 1	Very toxic to aquatic life.
H410	Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects.
H411	Aquatic Chronic 2	Toxic to aquatic life with long lasting effects.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects

Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

Additional information

The information contained in this datasheet is based on our knowledge of the product concerned as of the indicated date. The purpose of this Safety Data Sheet is to provide information to the user, to enable them to assess the risks to safety and health during transport, storage, or use of the product in the workplace. Users are also alerted to the potential risks incurred when a product is used for purposes other than those for which it is designed.

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The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.