

Safety Data Sheet

section

1

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

1.1 Product identifier

Trade name/designation : Parfum 220.

Article No (user) : 1812804.

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:

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

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 - Prevention

P264	Wash your hands after handling
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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
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
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Contains

1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one, [3R-(3 α ,3 α β ,6 β ,7 β ,8 α)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene, pentadecan-15-olide, linalyl acetate

2.3 Other hazards

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

 section
3
Composition/information on ingredients
3.2 Mixtures

In accordance with the product knowledge, no nanomaterials have been identified.

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
2-phenylethanol			
CAS N°	60-12-8	C= 10.0%	ETA (orale): 1610 mg/kg ETA (cutanée): 2500 mg/kg
EC N°	200-456-2		
IDX N°			
Registration number	01-2119963921-31-XXXX		
benzyl acetate			
CAS N°	140-11-4	C= 7.5%	H302 Acute Tox. 4 ORAL H319 Eye Irrit. 2
EC N°	205-399-7		
IDX N°			
			H412 Aquatic Chronic 3

Registration number	01-2119638272-42-XXXX		ETA (orale): 2490 mg/kg	
3,7-dimethylnona-1,6-dien-3-ol				
CAS N°	10339-55-6	C= 6.25%	ETA (orale): 5000 mg/kg	H315 Skin Irrit. 2 H317 Skin Sens. 1 H319 Eye Irrit. 2
EC N°	233-732-6			
IDX N°				
Registration number	01-2119969272-32-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				
2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-				
CAS N°	63500-71-0	C= 4.0%		H319 Eye Irrit. 2
EC N°				
IDX N°				
Registration number	13942, 14480			
[3R-(3α,3β,6β,7β,8α)]-octahydro-6-methoxy-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene				
CAS N°	19870-74-7	C= 3.0%	Macute = 1	H317 Skin Sens. 1B H400 Aquatic Acute 1 H410 Aquatic Chronic 1
EC N°	243-384-7			
IDX N°				
Registration number				
pentadecan-15-olide				
CAS N°	106-02-5	C= 2.0%		H317 Skin Sens. 1B H411 Aquatic Chronic 2
EC N°	203-354-6			
IDX N°				
Registration number	01-2119987323-31-XXXX			
anisaldehyde				
CAS N°	123-11-5	C= 2.0%	ETA (orale): 3210 mg/kg	H412 Aquatic Chronic 3
EC N°	204-602-6			
IDX N°				
Registration number	01-2119977101-43-XXXX			
4-tert-butylcyclohexyl acetate				
CAS N°	32210-23-4	C= 1.5%	ETA (orale): 3370 mg/kg	H317 Skin Sens. 1B
EC N°	250-954-9			
IDX N°				
Registration number	01-2119976286-24-XXXX			
linalyl acetate				
CAS N°	115-95-7	C= 1.5%		H315 Skin Irrit. 2 H317 Skin Sens. 1B H319 Eye Irrit. 2
EC N°	204-116-4			
IDX N°				
Registration number	01-2119454789-19-XXXX			
4-(2,6,6-trimethylcyclohex-2-ene-1-yl)-but-3-ene-2-one				

CAS N°	127-41-3	C= 1.0%		H411	Aquatic Chronic 2
EC N°	204-841-6				
IDX N°					
Registration number	18612				
Terpineol					
CAS N°	8000-41-7	C= 1.0%	ETA (orale): 4300 mg/kg	H315	Skin Irrit. 2
EC N°	232-268-1			H319	Eye Irrit. 2
IDX N°					
Registration number	01-2119553062-49-XXXX				
piperonal					
CAS N°	120-57-0	C= 0.6%	ETA (orale): 2700 mg/kg	H317	Skin Sens. 1B
EC N°	204-409-7			H361	Repr. 2
IDX N°					
Registration number	01-2119983608-21-XXXX				
cis-4-(isopropyl)cyclohexanemethanol					
CAS N°	13828-37-0	C= 0.6%		H315	Skin Irrit. 2
EC N°	237-539-8			H317	Skin Sens. 1B
IDX N°				H412	Aquatic Chronic 3
Registration number					
caryophyllene					
CAS N°	87-44-5	C= 0.3%		H304	Asp. Tox. 1
EC N°	201-746-1			H317	Skin Sens. 1B
IDX N°					
Registration number	01-2120745237-53-XXXX				
methyl non-2-ynoate					
CAS N°	111-80-8	C= 0.03%	ETA (orale): 1600 mg/kg	H302	Acute Tox. 4 ORAL
EC N°	203-909-2			H315	Skin Irrit. 2
IDX N°			ETA (cutanée): 4500 mg/kg	H317	Skin Sens. 1A
Registration number	01-2120139912-55-XXXX		Macute = 1	H400	Aquatic Acute 1
				H412	Aquatic Chronic 3

Remark

Text phrases and H- EUH-: see section 16.

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.

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.

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

Remove contaminated clothing immediately, wash the skin with water and soap, and rinse thoroughly for at least 20 minute. If irritation persists or if lesions appear, consult a doctor.

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

Remove victim out of the danger area.
 Keep affected person warm, still and covered.
 Do not leave affected person unattended.

Following inhalation:

In case of excessive inhalation, take the person to fresh air and keep them in a resting position. Consult a doctor.
 Remove person to fresh air and keep comfortable for breathing.

Following skin contact:

Remove contaminated clothing immediately, wash the skin with water and soap, and rinse thoroughly for at least 20 minute. If irritation persists or if lesions appear, consult a doctor.

Take off contaminated clothing.

In case of skin irritation, consult a physician.

Remove contaminated, saturated clothing immediately.

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

In case of skin reactions, consult a physician.

Following eye contact:

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.

In case of eye irritation consult an ophthalmologist.

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses, if present and easy to do. Continue rinsing.

Protect unharmed eye.

Following ingestion:

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

Never give anything by mouth to an unconscious person or a person with cramps.

IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

Self-protection of the first aider:

First aider: Pay attention to self-protection!.

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:

Foam.

Extinguishing powder.

Carbon dioxide (CO2).

Sand.

Unsuitable extinguishing media:

Strong water 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

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

Additional information

Do not inhale vapors and fumes.

Co-ordinate fire-fighting measures to the fire surroundings.

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

Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.
 Use water spray jet to protect personnel and to cool endangered containers.
 Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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).
 Ensure adequate ventilation of the workplace.
 Avoid contact with skin and eyes.
 The participants will be equipped with appropriate personal protective equipment.
 Use personal protection equipment.
 Remove persons to safety.

6.2 Environmental precautions

Avoid any direct discharge into the sewer, surface water, and groundwater, do not allow penetration into the soil (see point 6.3).
 Ensure that waste is collected and contained.
 In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
 Avoid release to the environment.
 Cover drains.
 Ensure all waste water is collected and treated via a waste water treatment plant.
 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.
 Contain leaks or spills within cabinets with removable trays.

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.
 If rags are used for wiping, dispose of them quickly by incineration, as cases of self-oxidation with spontaneous combustion are known.
 Clean the powder with a vacuum cleaner. Wash with water and detergent.
 Elimination of gases/smoke by water spraying.
 Wash with water and detergent.
 Treat the recovered material as prescribed in the section on waste disposal.
 Collect in closed and suitable containers for disposal.
 Clean contaminated objects and areas thoroughly observing environmental regulations.
 Collect spillage.
 Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
 Wipe up with absorbent material (eg. cloth, fleece).

6.4 Reference to other sections

For exposure control and individual protection measures, see paragraph 8.
 For waste disposal considerations, see paragraph 13.
 Safe handling: see section 7.
 Disposal: see section 13.
 Personal protection equipment: see section 8.

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, eyes and clothes.
 Wear personal protective clothing (see section 8).
 Sewers and ducts must be protected against the entry of the product.
 Do not put any product-impregnated cleaning rags into your trouser pockets.
 Provide for retaining containers, eg. floor pan without outflow.
 Avoid breathing gas/fumes/vapour/spray.

Advices on general occupational hygiene:

Wash hands before breaks and after work.
 Wash contaminated clothing before reuse.
 Street clothing should be stored separately from work clothing.
 Remove contaminated, saturated clothing immediately.

In the immediate working surroundings there must be:

Provide eye shower and label its location conspicuously.

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:

Use isolated drainage to prevent discharge to soil.

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:

Substance	Value	Unit	Type
No data available			

No data available

Biological limit values:

Not available

Exposure limits at intended use:

Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Individual protection measures, such as personal protective equipment:



Eye/face protection

: **Suitable eye protection:**
 Wear eye protection equipment.
Recommended eye protection articles:
 Eye glasses.

Skin protection

: **Hand protection:**
Suitable gloves type:
 Wear protective gloves.
Suitable material:

NBR (nitrile rubber).

Additional hand protection measures:

Do not wear gloves near machines and rotating tools.

Use gloves only once.

Remark:

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

Body protection:

Suitable protective clothing:

Lab coat.

Respiratory protection : **Suitable respiratory protection apparatus:**

No data available.

Environmental exposure controls:

Not available

Consumer exposure controls:

Not available

Additional information

Not available

section
9

Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colorless To Pale Yellow.
Odour	:	Vanilla - Powdery - Spicy - Floral
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	:	0.899
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

Not available

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.

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No dangerous reaction under normal conditions of use.

No hazardous reaction when handled and stored according to provisions.

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.

Does not decompose when used for intended uses.

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

Endocrine disrupting properties:

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

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.
Toxic to aquatic life with long lasting effects.

Substances:

Not available

12.2 Persistence and degradability

This information is not available.
The product has not been tested.

Substances:

Not available

12.3 Bioaccumulative potential

This information is not available.
The product has not been tested.

Substances:

Not available

12.4 Mobility in soil

This information is not available.
The product has not been tested.

Substances:

Not available

12.5 Results of PBT and vPvB assessment

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

12.6 Endocrine disrupting properties

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

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 codes/waste designations according to EWC/AVV:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options:

Appropriate disposal/Product:

Waste requiring special supervision.
Dispose of waste according to applicable legislation.
Delivery to an approved waste disposal company.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of.
Contaminated packing must be completely emptied and can be reused after proper cleaning.
Packing which cannot be properly cleaned must be disposed of.
Handle contaminated packages in the same way as the substance itself.
Dispose of waste according to applicable legislation.

Remark:

For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.





The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

Additional information

Not available

section 14 **Transport information**

		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	Packing group:	III	III	III	III

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**

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, 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".

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

Substance	CAS	EC
benzyl acetate	140-11-4	205-399-7

Occupational Exposure Limit Values (long term) - Ireland:

Substance	CAS	EC
benzyl acetate	140-11-4	205-399-7

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

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

No data 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. Complies with ATP 18, Regulation (EU) n°2022/692.

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

H302	Acute Tox. 4 ORAL	Harmful if swallowed
H304	Asp. Tox. 1	May be fatal if swallowed and enters airways.
H315	Skin Irrit. 2	Causes skin irritation.
H317	Skin Sens. 1B	May cause an allergic skin reaction.
H319	Eye Irrit. 2	Causes serious eye irritation
H361	Repr. 2	Suspected of damaging fertility or the unborn child.
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

Creation date: 21/03/2025

Version date: 21/03/2025

Printing date: 21/03/2025

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.