

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

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

#### 1.1 Product identifier

**Product name**

Ambergris Fragrance Oil

**Product code**

[AL00424]

**UFI:**

On hold

#### 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 information.

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

**Supplier**

Farmadria DOO  
Heroja Pinkija 44  
26300 Vršac, Serbia  
+381695565029  
info@avenalab.com

#### 1.4 Emergency Telephone Number

**Emergency**

112

**Supplier**

+381695565029

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 (CLP)**

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Skin Sens. 1; H317 May cause an allergic skin reaction.  
Eye Irrit. 2; H319 Causes serious eye irritation.  
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008 (CLP)



Signal word: **WARNING**

#### Hazard statements:

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

#### Supplemental hazard information (EU):

Not applicable.

#### Precautionary statements:

P272 Contaminated work clothing should not be allowed out of the workplace.  
P273 Avoid release to the environment.  
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.  
P501 Dispose of contents/container in accordance with national regulation.

#### Contains:

linalyl acetate  
linalool  
coumarin  
2-isopropoxyethyl salicylate  
cedryl acetate  
geraniol  
citral  
nerol  
3,7-dimethyl-6-octen-1-ol  
caryophyllene  
(E)-3-methyl-5-cyclopentadecen-1-one  
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one

### 2.3 Other hazards

**PBT/vPvB**

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

No information.

### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

### Additional information

No information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

For mixtures see 3.2.

### 3.2 Mixtures

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
1,4-dioxacycloheptadecane 5,17-dione	105-95-3 203-347-8 -	C= 20.0%	Aquatic Chronic 3; H412	/	/
Ethyl Vanillin	121-32-4 204-464-7 -	C= 6.0%	Eye Irrit. 2; H319	/	/
linalyl acetate	115-95-7 204-116-4 -	C= 5.24%	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	/	/
linalool	78-70-6 201-134-4 -	C= 4.2%	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	oral: ATE = 2790 mg/kg bw	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
coumarin	91-64-5 202-086-7 -	C= 4.0%	Acute Tox. 4; H302 Skin Sens. 1B; H317	oral: ATE = 500 mg/kg bw	/
2- isopropoxyethyl l salicylate	79915-74-5 279-348-2 -	C= 3.1%	Acute Tox. 4; H302 Skin Sens. 1B; H317	/	/
indole	65113-99-7 265-453-0 -	C= 1.0%	Eye Irrit. 2; H319 Aquatic Chronic 2; H411	/	/
3R- (3 $\alpha$ ,3 $\alpha$ $\beta$ ,7 $\beta$ ,8 $\alpha$ $\alpha$ )]-2,3,4,7,8,8 a-hexahydro- 3,8,8-trimethyl- 1H-3a,7- methanoazole ne-6-methyl acetate	1405-92-1 215-789-9 -	C= 0.85%	Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
cedryl acetate	77-54-3 201-036-1 -	C= 0.85%	Skin Sens. 1B; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
geraniol	106-24-1 203-377-1 -	C= 0.68%	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318	oral: ATE = 3600 mg/kg bw	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
citral	5392-40-5 226-394-6 605-019-00-3	C= 0.62%	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319	/	/
nerol	106-25-2 203-378-7 -	C= 0.44%	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	oral: ATE = 4500 mg/kg bw	/
3,7-dimethyl-6- octen-1-ol	106-22-9 203-375-0 -	C= 0.27%	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Irrit. 2; H319	oral: ATE = 3450 mg/kg bw dermal: ATE = 2650 mg/kg bw	/
caryophyllene	87-44-5 201-746-1 -	C= 0.13%	Asp. Tox. 1; H304 Skin Sens. 1B; H317	/	/
(E)-3-methyl-5- cyclopentadec en-1-one	82356-51-2 429-900-5 -	C= 0.1%	Skin Sens. 1; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergriis Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
pin-2(3)-ene	80-56-8 201-291-9 -	C= 0.06%	Flam. Liq. 3; H226 Acute Tox. 4; H302 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	oral: ATE = 500 mg/kg bw	/
beta-pinene	127-91-3 204-872-5 -	C= 0.05%	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 1; H410; M = 1	/	/
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	23726-93-4 245-844-2 -	C= 0.05%	Skin Irrit. 2; H315 Skin Sens. 1A; H317 Acute Tox. 4; H332 Aquatic Chronic 2; H411	/	/
cineole	470-82-6 207-431-5 -	C= 0.03%	Flam. Liq. 3; H226 Skin Sens. 1B; H317	/	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

**Product name: Ambergris Fragrance Oil**

**Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0**

Name	CAS EC Index REACH	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
d-limonene	5989-27-5 227-813-5 601-096-00-2	C= 0.02%	Flam. Liq. 3; H226 Asp. Tox. 1; H304 Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Acute 1; H400; M = 1 Aquatic Chronic 3; H412	/	/

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

##### Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help!

##### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

##### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

##### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Consult a physician! Show the physician the safety data sheet or label.

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

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

#### Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

#### Following skin contact

Contact with skin may cause irritation (redness, itching). May cause sensitisation by skin contact (itching, redness, rashes).

#### Following eye contact

Redness, tearing, pain.

#### Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

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

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

#### Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3 Advice for firefighters

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without suitable training.

#### Special protective equipment for fire-fighters

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

### Additional information

Contaminated firefighting water and fire residues must be disposed of in accordance with the local regulations.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel

##### Protective equipment

No information.

##### Precautionary measures

Ensure adequate ventilation.

##### Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist. Avoid contact with skin, eyes and clothing.

#### For emergency responders

Use personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

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

#### For containment

Stem the spill if this does not pose risks.

#### For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

#### Other information

No information.

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

### 6.4 Reference to other sections

See also sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Protective measures

#### Measures to prevent fire

Ensure adequate ventilation.

#### Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

#### Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

#### Other measures

No information.

#### Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Avoid contact with skin, eyes and clothes. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

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

#### Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs.

#### Packaging materials

Store only in original container.

#### Requirements for storage rooms and vessels

Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

#### Storage temperature

No information.

#### Storage class

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

No information.

### Further information on storage conditions

No information.

### 7.3 Specific end use(s)

#### Recommendations

No information.

#### Industrial sector specific solutions

No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational Exposure limit values

No information.

#### Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

#### DNEL/DMEL values

##### For product

No information.

##### For components

No information.

#### PNEC values

##### For product

No information.

##### For components

No information.

### 8.2 Exposure controls

#### Appropriate engineering control

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

### Structural measures to prevent exposure

No information.

### Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

### Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022/A1:2025).

#### Hand protection

Protective gloves (EN ISO 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. 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. The penetration time is determined by the protective glove manufacturer and must be observed.

#### Appropriate materials

No information.

#### Skin protection

Cotton protective clothing and shoes that cover the entire foot (BS EN ISO 20345:2022). At high risk of skin exposure chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022+A1:2024).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (BS EN 136) with filter A2-P2 (BS EN 14387).

#### Thermal hazards

No information.

#### Environmental exposure controls

#### Substance/mixture related measures to prevent exposure

No information.

#### Instruction measures to prevent exposure

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

**Product name:** Ambergris Fragrance Oil

**Creation date:** 27.04.2026, **Revision:** 27.04.2026, **Version:** 1.0

No information.

**Organisational measures to prevent exposure**

No information.

**Technical measures to prevent exposure**

Do not allow product to reach drains, sewage systems or ground water.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

**Important health, safety and environmental information**

Physical state	liquid
Shape	No information.
Colour	Colorless to pale yellow.
Odour	Woody - Powdery - Amber
Odour threshold	No information.
Melting/freezing point or softening point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	> 100 °C
Auto-ignition temperature	No information.
Decomposition temperature	No information.
pH	No information.
Viscosity	No information.
Solubility (Water)	soluble

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

**Product name:** Ambergris Fragrance Oil

**Creation date:** 27.04.2026, **Revision:** 27.04.2026, **Version:** 1.0

Partition coefficient n-octanol/water (log value)	No information.
Vapour pressure	No information.
Relative density	0.9315
Relative vapour/gas density	No information.
Particle characteristics	No information.

### 9.2 Other information

#### Information with regard to physical hazard classes

No information.

#### Other safety characteristics

No information.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No information.

### 10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3 Possibility of hazardous reactions

No information.

### 10.4 Conditions to avoid

No information.

### 10.5 Incompatible materials

No information.

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

**Product name: Ambergris Fragrance Oil**

**Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0**

### 10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

#### (a) Acute toxicity

##### For components

Name	Exposure route	Type	Species	Time	Value	Method	Remark
1,4-dioxacycloheptadecane 5,17-dione	oral	LD <sub>50</sub>	rat	/	5000 mg/kg	/	/
1,4-dioxacycloheptadecane 5,17-dione	dermal	LD <sub>50</sub>	rabbit	/	5000 mg/kg	/	/
Ethyl Vanillin	oral	LD <sub>50</sub>	rat	/	> 3160 mg/kg bw	OECD 401	/
Ethyl Vanillin	dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg bw	OECD 402	/
linalyl acetate	oral	LD <sub>50</sub>	rat	/	> 9000 mg/kg	/	/
linalyl acetate	dermal	LD <sub>50</sub>	rabbit	/	> 5000 mg/kg	/	/
linalyl acetate	oral	LD <sub>50</sub>	mouse	/	12000 mg/kg	/	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Exposure route	Type	Species	Time	Value	Method	Remark
linalool	/	ATE	/	/	2790 mg/kg	/	Linalool ETAO : 2790,00 mg/kg(Déterminée) ETAC : Non déterminée ETAI : Non déterminée
coumarin	oral	ATE	/	/	500 mg/kg	/	/
2-isopropoxyethyl salicylate	oral	ATE	/	/	500 mg/kg	/	/
indole	oral	LD <sub>50</sub>	rat	/	> 6750 mg/kg	/	/
3R-(3 $\alpha$ ,3 $\alpha\beta$ ,7 $\beta$ ,8 $\alpha\alpha$ ]-2,3,4,7,8,8a-hexahydro-3,8,8-trimethyl-1H-3a,7-methanoazulene-6-methyl acetate	oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Exposure route	Type	Species	Time	Value	Method	Remark
3R-(3 $\alpha$ ,3 $\alpha\beta$ ,7 $\beta$ ,8 $\alpha\alpha$ )]-2,3,4,7,8,8a-hexahydro-3,8,8-trimethyl-1H-3a,7-methanoa zulene-6-methyl acetate	dermal	LD <sub>50</sub>	rabbit	/	> 5000 mg/kg	/	/
cedryl acetate	oral	LD <sub>50</sub>	rat	/	44750 mg/kg	/	/
geraniol	oral	/	/	/	3600 mg/kg	/	/
citral	Intraperitoneal	LD <sub>50</sub>	rat	/	460 mg/kg	/	/
citral	oral	LD <sub>50</sub>	mouse	/	6000 mg/kg	/	/
citral	oral	LD <sub>50</sub>	rat	/	4960 mg/kg	/	/
nerol	oral	LD <sub>50</sub>	rat	/	4500 mg/kg	/	/
nerol	dermal	LD <sub>50</sub>	rabbit	/	5001 mg/kg	/	/
3,7-dimethyl-6-octen-1-ol	/	ATE	/	/	3450 mg/kg	/	ETAO : 3 450,00 mg/kg(Déterminée) ETAC : 2 650,00 mg/kg(Déterminée) ETAI : Non déterminée

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Exposure route	Type	Species	Time	Value	Method	Remark
3,7-dimethyl-6-octen-1-ol	/	ATE	/	/	2650 mg/kg	/	ETAO : 3450,00 mg/kg(Déterminée) ETAC : 2650,00 mg/kg(Déterminée) ETAI : Non déterminée
caryophyllene	oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/
caryophyllene	dermal	LD <sub>50</sub>	rabbit	/	> 5000 mg/kg	/	/
pin-2(3)-ene	/	ATE	/	/	500 mg/kg	/	alpha-Pinene ETAO : 500,00 mg/kg(Estimée) ETAC : Non déterminée ETAI : Non déterminée
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	oral	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
cineole	oral	/	/	/	2479.97 mg/kg	/	/

**Additional information**

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

The product is not classified as acutely toxic.

### (b) Skin corrosion/irritation

#### For components

Name	Species	Time	Result	Method	Remark
citral	/	/	Irritating.	/	/
citral	/	/	May cause sensitisation by skin contact.	/	/
nerol	/	/	Irritating.	OECD 404	/
d-limonene	/	/	Irritating.	/	/

### (c) Serious eye damage/irritation

#### For product

Species	Time	Result	Method	Remark
/	/	The product is classified Eye Irrit. 2 according to the referenced regulation. Causes serious eye irritation.	/	/

#### For components

Name	Exposure route	Species	Time	Result	Method	Remark
citral	/	rabbit	/	Irritating.	OECD 405	/
nerol	/	/	/	Irritating.	OECD 405 Acute Eye Irritation/Corrosion	/

### Additional information

Causes serious eye irritation.

### (d) Respiratory or skin sensitisation

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

### For product

Exposure route	Species	Time	Result	Method	Remark
/	/	/	The product is classified Skin Sens. 1B according to the referenced regulation. May cause an allergic skin reaction.	/	/

### For components

Name	Exposure route	Species	Time	Result	Method	Remark
citral	dermal	/	/	Sensitizing.	/	/
nerol	dermal	/	/	Causes sensitization	OECD 429	/

### Additional information

It contains at least one ingredient that can cause sensitisation. Can cause allergic reaction. May cause an allergic skin reaction. Skin sensitisation: The product is classified Skin Sens. 1B according to the referenced regulation. May cause an allergic skin reaction. Sensitisation to the respiratory tract: The product is not classified.

### (e) (Germ cell) mutagenicity

#### For components

Name	Type	Species	Time	Result	Method	Remark
citral	Genotoxicity	/	/	Negative.	/	in vitro
citral	in-vivo mutagenicity	/	/	Negative.	OECD 471	/
citral	Genotoxicity	mouse	/	Studies in vivo have shown it is not genotoxic.	OECD 474	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

### (f) Carcinogenicity

#### For components

Name	Exposure route	Type	Species	Time	Value	Result	Method	Remark
citral	oral	NOEL	rat	/	> 100 mg/kg	/	OECD 453	/

### (g) Reproductive toxicity

#### For components

Name	Reproductive toxicity type	Type	Species	Time	Value	Result	Method	Remark
citral	Developmental toxicity	NOAEL	rat	/	200 mg/kg bw/day	/	OECD 421	oral
citral	Developmental toxicity	NOAEL	rat	/	423 mg/m <sup>3</sup>	/	/	inhalation
citral	Reproductive toxicity	NOAEL	rat	/	> 1000 mg/kg bw/day	/	OECD 421	/

### Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction. Carcinogenicity: The product is not classified. Reproductive toxicity: The product is not classified. Germ cell mutagenicity: The product is not classified.

### (h) STOT-single exposure

#### For components

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Exposure route	Type	Species	Time	Exposure	Organ	Value	Result	Method	Remark
citral	-	-	/	/	/	/	/	Symptoms: difficulty breathing, drowsiness, cough, headache, gastrointestinal problems, mucosal irritation, nausea.	/	/

### Additional information

STOT SE (single exposure): Not classified. Specific target organ toxicity (repeated exposure): The product is not classified.

### (i) STOT-repeated exposure

#### For components

Name	Exposure route	Type	Species	Time	Exposure	Organ	Value	Result	Method	Remark
Ethyl Vanillin	oral	NOAEL	rat	90 days	/	/	100 mg/kg bw	/	/	/

### Additional information

STOT RE (repeated exposure): Not classified. Specific target organ toxicity (single exposure): The product is not classified.

### (j) Aspiration hazard

#### For components

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Result	Method	Remark
1,4-dioxacycloheptadecane 5,17-dione	/	/	Translation required (395589)

### Additional information

Aspiration hazard: Not classified. Additional information: Not available

### Symptoms related to the physical, chemical and toxicological characteristics

No information.

### Interactive effects

No information.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

#### Other information

No information.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Acute (short-term) toxicity

##### For components

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
linalyl acetate	LC <sub>50</sub>	11 mg/L	96 h	fish	<i>Cyprinus carpio</i>	/	/
linalyl acetate	EC <sub>50</sub>	15 mg/L	48 h	crustacea	<i>Daphnia magna</i>	/	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
linalyl acetate	NOEC	9.6 mg/L	72 h	algae	<i>Desmodesmus subspicatus</i>	/	/
cedryl acetate	LC <sub>50</sub>	15.61 mg/L	96 h	fish	/	/	/
cedryl acetate	EC <sub>50</sub>	330 µg/L	48 h	crustacea	/	/	/
cedryl acetate	LC <sub>50</sub>	310 µg/L	72 h	algae	/	/	/
citral	LC <sub>50</sub>	19 mg/L	96 h	fish	/	/	/
citral	EC <sub>50</sub>	7 mg/L	48 h	crustacea	/	/	/
citral	EC <sub>50</sub>	16 mg/L	72 h	algae	/	/	/
beta-pinene	/	0.826 mg/L	48 h	algae/aquatic plants	<i>Pseudokirchneriella subcapitata</i>	OECD 201	/
beta-pinene	/	0.502 mg/L	96 h	fish	<i>Pimephales promelas</i>	OECD 203	/
beta-pinene	/	326 mg/L	3 h	microorganisms	Activated sludge	OECD 209	/
beta-pinene	/	1.248 mg/L	48 h	crustacea	<i>Daphnia magna</i>	OECD 202	/
cineole	LC <sub>50</sub>	57 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>	OECD 203	ECHA
cineole	ErC <sub>50</sub>	> 100 mg/L	72 h	algae	<i>Pseudokirchneriella subcapitata</i>	OECD 201	ECHA

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
cineole	EC <sub>50</sub>	> 100 mg/L	48 h	crustacea	<i>Daphnia magna</i>	OECD 202	ECHA
cineole	EC <sub>50</sub>	> 100 mg/L	3 h	bacteria	Activated sludge	OECD 209	ECHA

### Chronic (long-term) toxicity

#### For components

Name	Type	Value	Exposure time	Species	Organism	Method	Remark
citral	NOEC	68 mg/L	/	/	/	OECD 209	0,02083 days
citral	NOEC	3 mg/L	3 days	algae	<i>Desmodesmus subspicatus</i>	DIN 38412 L 9	/

### Additional information

Harmful to aquatic life with long lasting effects. Substances: Not available

### 12.2 Persistence and degradability

#### Abiotic degradation, physical- and photo-chemical elimination

No information.

#### Biodegradation

##### For components

Name	Type	Rate	Time	Evaluation	Method	Remark
1,4-dioxacycloheptadecane 5,17-dione	/	98.1 %	27 days	/	/	CO <sub>2</sub> evolution test
linalyl acetate	biodegradability	76 %	28 days	rapidly biodegradable	OECD 301 F	/

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Type	Rate	Time	Evaluation	Method	Remark
cedryl acetate	solubility in water	990 g/L	/	rapidly biodegradable	/	/
citral	aerobic	90 %	28 days	readily biodegradable	EU Method C.4-D	/
beta-pinene	biodegradation	76 %	28 days	readily biodegradable	OECD 301 D	Oxygen consumption
(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one	biodegradation	65 %	28 days	readily biodegradable	OECD 301F	/
cineole	biodegradability	82 %	28 days	readily biodegradable	OECD 301 F	ECHA

### 12.3 Bioaccumulative potential

#### Partition coefficient n-octanol/water (log value)

##### For components

Name	Value	Temperature °C	pH	Concentration	Method
1,4-dioxacycloheptadecane 5,17-dione	4.3	/	/	/	/
linalyl acetate	3.9	/	/	/	OECD 107
cedryl acetate	6	/	/	/	/
citral	2.76	/	/	/	/
beta-pinene	26610	/	/	/	OECD 107

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

Name	Value	Temperature °C	pH	Concentration	Method
cineole	3.4	/	/	/	/

### Bioconcentration factor (BCF)

#### For components

Name	Species	Organism	Value	Duration	Evaluation	Method	Remark
linalyl acetate	/	/	9.7 - 90.5	/	/	/	/
citral	BCF	/	89.72	/	/	/	/
beta-pinene	BCF	/	1125	/	L/kg	/	/
cineole	BCF	/	125	/	/	/	QSAR

### 12.4 Mobility in soil

#### Known or predicted distribution to environmental compartments

No information.

#### Surface tension

No information.

#### Adsorption/Desorption

#### For components

Name	Type	Criterion	Value	Evaluation	Method	Remark
citral	Soil	/	147.7	/	/	Koc
beta-pinene	Soil	log KOC	1020	/	/	/

#### Additional information

The product has not been tested. Substances: Not available

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

No evaluation.

### 12.6 Endocrine disrupting properties

#### For product

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.

### 12.7 Other adverse effects

not available

### 12.8 Additional information

#### For product

Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment. Do not allow to reach ground water, water courses or sewage system. Additional ecotoxicological information Not available

#### For components

##### **citral**

Low bioaccumulation potential.

##### **beta-pinene**

This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

##### **(E)-1-(2,6,6-trimethyl-1,3-cyclohexadien-1-yl)-2-buten-1-one**

This substance is not PBT-/vPvB according REACH, Annex XIII.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product / Packaging disposal

##### Waste chemical

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

##### Waste codes / waste designations according to LoW

No information.

##### Packaging

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

**Product name:** Ambergris Fragrance Oil

**Creation date:** 27.04.2026, **Revision:** 27.04.2026, **Version:** 1.0

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents.

**Waste codes / waste designations according to LoW**

No information.

**Waste treatment-relevant information**

No information.

**Sewage disposal-relevant information**

No information.

**Other disposal recommendations**

No information.

### SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

ADR/RID	IMDG	IATA	ADN
Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.

14.2 UN proper shipping name

ADR/RID	IMDG	IATA	ADN
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable

14.3 Transport hazard class(es)

ADR/RID	IMDG	IATA	ADN
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

**Product name: Ambergris Fragrance Oil**

**Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0**

### 14.4 Packing group

ADR/RID	IMDG	IATA	ADN
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable

### 14.5 Environmental hazards

ADR/RID	IMDG	IATA	ADN
NO	NO	NO	NO

### 14.6 Special precautions for user

ADR/RID	IMDG	IATA	ADN
Limited quantities: <b>Not given/not applicable</b>	Limited quantities: <b>Not given/not applicable</b>		Limited quantities: <b>Not given/not applicable</b>

### 14.7 Maritime transport in bulk according to IMO instruments

ADR/RID	IMDG	IATA	ADN
/	Not given/not applicable	/	/

## SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- EH40/2005 Workplace exposure limits (Fourth Edition 2020)

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

### Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

not applicable

### Ingredients according to Regulation (EC) No 648/2004 on detergents

No information.

### Special instructions

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

### 15.2 Chemical Safety Assessment

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

## SECTION 16: OTHER INFORMATION

### Indication of changes

No information.

### Key literature references and sources for data

No information.

### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No 1907/2006)  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure

## SAFETY DATA SHEET

ACCORDING TO REGULATION (EC) 1907/2006

Product name: Ambergris Fragrance Oil

Creation date: 27.04.2026, Revision: 27.04.2026, Version: 1.0

SVHC - Substances of Very High Concern

UN - United Nations

vPvB - Very Persistent and Very Bioaccumulative

### List of relevant H phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

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.

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.