

## CALAMUS OIL EXTRA

### 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

#### 1.1. Product identifier

**Denomination : CALAMUS OIL EXTRA**

**Reference : E0978**

CAS#: 8015-79-0

REACH#: Exempted <1t

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

Aromatic ingredient - for industrial use only, do not consume as such

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

PAYAN BERTRAND  
28 Avenue Jean XXIII - BP 61057  
06131 GRASSE cedex - FRANCE  
Tel. +33 (4) 93 40 14 14 ( 8:15-12:00 / 12:45-16:00 )  
Web. [www.payanbertrand.com](http://www.payanbertrand.com)  
Email. [regulatory@payanbertrand.com](mailto:regulatory@payanbertrand.com)

#### 1.4. Emergency telephone number

+33 613 35 57 58 (24h / 24h)

### 2. HAZARDS IDENTIFICATION

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

##### GHS Classification :

RegulationCLP

ED12 Eye Irrit. Serious eye damage/Eye irritation 2  
EHC2 Aquatic Chronic Chronic aquatic toxicity 2  
SS1 Skin Sens. 1 Skin sensitisation 1

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

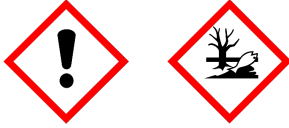
Refer to the section 16 for the all hazard statements.

#### 2.2. Label elements

##### GHS Classification :

RegulationCLP

## CALAMUS OIL EXTRA



Warning statement : WARNING

ED12 Eye Irrit. 2 Serious eye damage/Eye irritation 2  
EHC2 Aquatic Chronic 2 Chronic aquatic toxicity 2  
SS1 Skin Sens. 1 Skin sensitisation 1

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

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands thoroughly 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.  
P302+P352 - IF ON SKIN:Wash with plenty of soap and water.

Contains 4-Prop-1-enylveratrole, Linalol, (R)-p-mentha-1,8-diène, Pin-2(3)-ene

### 2.3. Other hazards

Not concerned

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name : ACORUS CALAMUS ROOT EXTRACT

### 3.1. Substances

Product type : Essential oil

### 3.2. Mixtures

Identification number	Substance	Hazard classes & H-phrases	LCS / M-factors / ATE	%
CAS# 93-16-3 EINECS# 202-224-6	4-Prop-1-enylveratrole	Skin Sens. 1B H317		19.160
CAS# 76-22-2 EINECS# 200-945-0,207-355-2, 207-354-7	Bornan-2-one	Acute Tox. 4 (Inhala, Acute Tox. 4 (Oral), Eye Dam. 1, Aquatic Chronic 2, Skin Irrit. 2, Stot Se 2 H332, H302, H318, H411, H315, H371	ATE (Orale) : 1500mg/kg ATE (Inhalation) : 11.25mg/L	2.881
CAS# 78-70-6 EINECS# 201-134-4 INDEX# 603-235-00-2	Linalool	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B H319, H315, H317		2.188
CAS# 5989-27-5 EINECS# 227-813-5 INDEX# 601-096-00-2	(R)-p-mentha-1,8-diene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 3, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H400, H412, H226, H315, H317		1.930
CAS# 79-92-5 EINECS# 201-234-8	Camphene	Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3 H319, H400, H410, H226		1.535
CAS# 80-56-8 EINECS# 201-291-9	Pin-2(3)-ene	Asp. Tox. 1, Acute Tox. 4 (Oral), Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H302, H400, H410, H226, H315, H317	ATE (Orale) : 500mg/kg	0.958
CAS# 93-15-2 EINECS# 202-223-0	Methyleugenol	Acute Tox. 4 (Oral), Carc. 2, Muta. 2 H302, H351, H341	ATE (Orale) : 1180mg/kg	0.514

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CAS# 106-22-9 EINECS# 203-375-0	Citronellol	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B H319, H315, H317		0.378
CAS# 106-24-1 EINECS# 203-377-1	Geraniol	Eye Dam. 1, Skin Irrit. 2, Skin Sens. 1 H318, H315, H317	SS1 (M=1) SS1 - H317 : C >= 1 %	0.238
CAS# 5392-40-5 EINECS# 226-394-6 INDEX# 605-019-00-3	Citral	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 H319, H315, H317	SS1 (M=1) SS1 - H317 : C >= 1 %	0.197
CAS# 97-54-1 EINECS# 202-590-7 INDEX# 604-094-00-X	Isoeugenol	Acute Tox. 4 (Dermal, Acute Tox. 4 (Inhala, Acute Tox. 4 (Oral), Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1A, Stot Se 3 H312, H332, H302, H319, H315, H317, H335	SS1A (M=1) SS1A - H317 : C >= 0.01 % ATE (Dermale) : 1912mg/kg ATE (Orale) : 1500mg/kg ATE (Inhalation) : 11.25mg/L	0.012

Not concerned

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

Skin contact : Remove any contaminated clothing or shoes. Wash affected areas thoroughly with soap and water for at least 15 minutes. Contact a physician if necessary.

Eye Contact : Flush immediatly with clean water for at least 10 minutes. Contact a physician if necessary.

Ingestion : Rinse the mouth. Contact a physician immediately.

Excessive inhalation : Remove to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician if necessary.

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

Take into account hazard and safety statements.

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

None.

## 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Recommended : Carbondioxide, dry chemical or foam.

Not recommended : Direct water.

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

Cool down other threatened recipients with pulverized water.

Do not inhale fire fumes or gases (CO, CO<sub>2</sub>, organic products).

Flammability class : *The product is not flammable.*

### 5.3. Advice for firefighters

Never use a direct stream of water.

## 6. ACCIDENTAL RELEASE MEASURES

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

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Avoid contact with skin, eyes, clothes.  
Provide adequate ventilation.

### 6.2. Environmental precautions

Prevent contamination of soil, ground and surface water.

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

Gross spillages should be contained by use of sand or inert powder and disposed off in accordance with local laws and regulations.

### 6.4. Reference to other sections

No concerned

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Keep away all ignition sources.  
Provide adequate ventilation.  
Do not eat, drink, smoke in the working areas.  
Wash hands after use.

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

Store the product in a cool, dry and ventilated area away from heat sources, and protected from light in tightly closed original container. Keep air contact to a minimum.  
Packing material :  
- not recommended : naked iron.

### 7.3. Specific end use(s)

Not applicable.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

No concerned

### 8.2. Exposure controls

To avoid eye and mucous membrane projection and according to the working area organization wearing eye glasses and gloves is recommended.  
Avoid excessive inhalation of concentrated vapors.

Do not re-use empty containers : Quickly get clear of sponges, wovens, ... etc, used to sponge the product. Keep away from food and drink.

Hygien and safety at work : adapted personal protective equipment is advised.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Vapour pressure (mmHg) :	0.1
Aspect :	Liquid
Colour :	[Light yellow ; Brown]
Odour :	Characteristic
Specific gravity (20°C) :	[0.930 ; 0.985]
Refractive index (20°C) :	[1.5020 ; 1.5210]
Optical rotation (20°C) :	[-25 ; 0]
Flash point (°C) :	85

### 9.2. Other information

Solubility : ethanol / oil / solvents.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

This product presents no significant reactivity hazard.

### 10.2. Chemical stability

This product is stable and will not react violently with water.

### 10.3. Possibility of hazardous reactions

Hazardous reaction will not occur if using conditions and prescriptions are followed.

### 10.4. Conditions to avoid

Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.

### 10.5. Incompatible materials

Not relevant.

### 10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided:

No decomposition product if storage and handling conditions are followed.

## 11. TOXICOLOGICAL INFORMATION

## CALAMUS OIL EXTRA

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

#### Acute toxicity:

- Oral : Not classified
- Inhalation : Not classified
- Dermal : Not classified

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: No data available

STOT-repeated exposure: No data available

Aspiration hazard: No data available

### 11.2. Information on other hazards

Not applicable

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

No data available.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Endocrine disrupting properties

Not applicable

### 12.7. Other adverse effects

No data available.

Avoid contamination of soil, ground and surface water.

## 13. DISPOSAL CONSIDERATIONS

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### 13.1. Waste treatment methods

Release to atmosphere : avoid.

Release to surface water : avoid.

Release into natural environment : avoid.

Destruction of waste : incineration.

Treatment of empty containers : re-use inadvisable.

Waste Disposal Methods : Place material and absorbent into sealed containers and dispose off in accordance with current applicable laws and regulations.

## 14. TRANSPORT INFORMATION

ADR/ADN/RID:



IMDG:



IATA:



### 14.1. UN number or ID number

ADR/ADN/RID : UN3082 ( Tunnel code(E) )

IMDG:UN3082

IATA :UN3082

### 14.2. UN proper shipping name

ADR/ADN/RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s (Perfumery product)

IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s (Perfumery product)

IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s (Perfumery product)

### 14.3. Transport hazard class(es)

ADR/ADN/RID : 9

IMDG:9

IATA :9

### 14.4. Packing group

ADR/ADN/RID : III

IMDG:III

IATA :III

### 14.5. Environmental hazards

IMDG : marine pollutant type material

**CALAMUS OIL EXTRA****14.6. Special precautions for user**

Not regulated

**14.7. Maritime transport in bulk according to IMO instruments**

Not regulated

**15. REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**General rules of preventing chemical risks** - labor code art R4411-1 to R4412-164 related to the reinforced medical surveillance of employees exposed to agents classified CMR and to exposures controls of agents classified CMR.

**General rules on ICPE (France) - Manufacturing and/or use and/or stock**

Heading 1171,1172 and 1173

Heading 1432 and 1433

Water contamination class (Germany): WGK

**15.2. Chemical safety assessment**

Not applicable.

**16. OTHER INFORMATION****Full list of relevant phrases quoted in section 3 according to Regulation No. (EC) 1272/2008****H226 Flammable liquid and vapour.****H302 Harmful if swallowed.****H302+H312 Harmful if swallowed or in contact with skin****H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled****H302+H332 Harmful if swallowed or if inhaled****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.****H335 May cause respiratory irritation.****H341 Suspected of causing genetic defects.****H351 Suspected of causing cancer.****H371 May cause damage to organs.****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.**

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Acronyms :

## CALAMUS OIL EXTRA

REACH: Regulation, Evaluation, Authorization of CHemicals

CSR: Chemical Safety Report

IFRA: International Fragrance Association

IOFI: International Organization of the Flavor Industry

ATE: Acute Toxicity Estimation

ES: Exposure Scenario

Bibliography, data sources: IFRA IOFI Labelling Manual 2022.

Classification of the mixture and evaluation methods according to regulation (CE) n° 1272/2008 :

H224-H225-H226 : Measured

Other hazard statements : Calculated

Classification of substance and evaluation methods according to regulation (CE) n° 1272/2008 : Measured or Calculated

**This product is for an industrial use only and not personal use.**

Modified points : 1.2