

CINNAMON BARK OIL EXTRA

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

1.1. Product identifier

Denomination : CINNAMON BARK OIL EXTRA

Reference : E1160

CAS#: 8015-91-6

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
Email. 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

AH1 Asp. Tox. 1 Aspiration hazard 1
ATD3 Acute Tox. 3 (Dermal Acute dermal toxicity 3
ED12 Eye Irrit. 2 Serious eye damage/Eye irritation 2
EHC3 Aquatic Chronic 3 Chronic aquatic toxicity 3
SC12 Skin Irrit. 2 Skin corrosion/irritation 2
SS1 Skin Sens. 1 Skin sensitisation 1

H304 - May be fatal if swallowed and enters airways.

H311 - Toxic in contact with skin.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H412 - Harmful to aquatic life with long lasting effects.

Refer to the section 16 for the all hazard statements.

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2.2. Label elements

GHS Classification :

RegulationCLP



Warning statement : DANGER

AH1 Asp. Tox. 1 Aspiration hazard 1
ATD3 Acute Tox. 3 (Dermal Acute dermal toxicity 3
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SCI2 Skin Irrit. 2 Skin corrosion/irritation 2
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H412 - Harmful 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.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Contains Cinnamaldehyde, Linalol, Caryophyllene, Eugenol

2.3. Other hazards

Not concerned

3. COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name : CINNAMOMUM ZEYLANICUM BARK EXTRACT

3.1. Substances

Identification number	Substance	Hazard classes & H-phrases	LCS / M-factors / ATE	%
CAS# 104-55-2 EINECS# 203-213-9	Cinnamaldehyde	Acute Tox. 4 (Dermal, Eye Irrit. 2, Aquatic Chronic 3, Skin Irrit. 2, Skin Sens. 1A H312, H319, H412, H315, H317	ATE (Dermale) : 1100mg/kg	78.000
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		6.700
CAS# 87-44-5 EINECS# 201-746-1	Caryophyllene	Asp. Tox. 1, Skin Sens. 1B H304, H317		6.000

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CAS# 97-53-0 EINECS# 202-589-1	Eugenol	Eye Irrit. 2, Skin Sens. 1B H319, H317		4.000
CAS# 470-82-6 EINECS# 207-431-5	Cineole	Eye Irrit. 2, Skin Sens. 1B H319, H317		2.000
CAS# 120-51-4 EINECS# 204-402-9 INDEX# 607-085-00-9	Benzyl benzoate	Acute Tox. 4 (Oral), Aquatic Acute 1, Aquatic Chronic 2 H302, H400, H411	ATE (Orale) : 1160mg/kg	1.500
CAS# 99-87-6 EINECS# 202-796-7 INDEX# 601-094-00-1	p-cymene	Asp. Tox. 1, Acute Tox. 3 (Inhala, Aquatic Chronic 2, Flam. Liq. 3, Repr. 2 H304, H331, H411, H226, H361	ATE (Inhalation) : 3mg/L	1.300
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	0.900
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		0.650
CAS# 99-83-2 EINECS# 202-792-5	p-Mentha-1,5-diene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3 H304, H400, H410, H226		0.500
CAS# 127-91-3 EINECS# 204-872-5	Pin-2(10)-ene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H400, H410, H226, H315, H317		0.300
CAS# 99-86-5 EINECS# 202-795-1 INDEX# 601-095-00-7	p-mentha-1,3-diene	Asp. Tox. 1, Acute Tox. 4 (Oral), Eye Irrit. 2, Aquatic Chronic 2, Flam. Liq. 3, Skin Sens. 1 H304, H302, H319, H411, H226, H317	SS1 (M=1) SS1 - H317 : C >= 1 % ATE (Orale) : 1680mg/kg	0.300
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		0.200
CAS# 562-74-3 EINECS# 209-235-5	p-menth-1-en-4-ol	Acute Tox. 3 (Inhala, Acute Tox. 4 (Oral), Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1, Stot Se 3Ne H331, H302, H319, H315, H317, H336	SS1 (M=1) SS1 - H317 : C >= 1 % ATE (Orale) : 1300mg/kg ATE (Inhalation) : 3mg/L	0.200
CAS# 104-54-1 EINECS# 203-212-3	Cinnamyl alcohol	Acute Tox. 4 (Oral), Skin Sens. 1B H302, H317	ATE (Orale) : 2000mg/kg	0.120
CAS# 91-64-5 EINECS# 202-086-7	Coumarine	Acute Tox. 3 (Oral), Skin Sens. 1B H301, H317	ATE (Orale) : 290mg/kg	0.100

Not concerned

REACH : Exempted < 1t

CAS : 8015-91-6

EINECS/ELINCS : 283-479-0

Product type : Essential oil

3.2. Mixtures

No 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.

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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, CO₂, 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

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

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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.



9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Vapour pressure (mmHg) :	0.09
Aspect :	Liquid
Colour :	[Yellow ; Amber]
Odour :	Characteristic
Specific gravity (20°C) :	[1.005 ; 1.040]
Refractive index (20°C) :	[1.5730 ; 1.5910]
Optical rotation (20°C) :	[-2 ; 1]
Flash point (°C) :	83
Boiling point (°C) :	249

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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

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

Acute toxicity:

- Oral : 3,800.00 (Determined)
- Inhalation : Not classified
- Dermal : 700.00 (Determined)

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

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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

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:

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IMDG:



IATA:



14.1. UN number or ID number

ADR/ADN/RID : UN2810 (Tunnel code(C/E))
IMDG:UN2810
IATA :UN2810

14.2. UN proper shipping name

ADR/ADN/RID : TOXIC LIQUID, ORGANIC, N.O.S. (Produit de parfumerie)
IMDG:TOXIC LIQUID, ORGANIC, N.O.S. (Produit de parfumerie)
IATA :TOXIC LIQUID, ORGANIC, N.O.S. (Produit de parfumerie)

14.3. Transport hazard class(es)

ADR/ADN/RID : 6.1
IMDG:6.1
IATA :6.1

14.4. Packing group

ADR/ADN/RID : III
IMDG:III
IATA :III

14.5. Environmental hazards

IMDG : Not regulated

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

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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.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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Acronyms :

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 : 3.1