

PIMENTO BERRY OIL EXTRA

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

1.1. Product identifier

Denomination : PIMENTO BERRY OIL EXTRA
Reference : E7502

CAS#: 8006-77-7
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

CAR1B Carc. 1B Carcinogenicity 1B
EDI2 Eye Irrit. 2 Serious eye damage/Eye irritation 2
EHC3 Aquatic Chronic 3 Chronic aquatic toxicity 3
MUT2 Muta. 2 Germ cell mutagenicity 2
SS1 Skin Sens. 1 Skin sensitisation 1

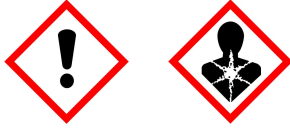
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H341 - Suspected of causing genetic defects.
H350 - May cause cancer.
H412 - Harmful to aquatic life with long lasting effects.
Refer to the section 16 for the all hazard statements.

2.2. Label elements

GHS Classification :

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RegulationCLP



Warning statement : DANGER

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P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
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.

Contains Eugenol, Methyleugenol, Caryophyllene, Cineole

2.3. Other hazards

Not concerned

3. COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name : PIMENTA OFFICINALIS FRUIT OIL

3.1. Substances

Identification number	Substance	Hazard classes & H-phrases	LCS / M-factors / ATE	%
CAS# 97-53-0 EINECS# 202-589-1	Eugenol	Eye Irrit. 2, Skin Sens. 1B H319, H317		82.000
CAS# 93-15-2 EINECS# 202-223-0	Methyleugenol	Acute Tox. 4 (Oral), Carc. 2, Muta. 2 H302, H351, H341	ATE (Orale) : 1180mg/kg	5.000
CAS# 87-44-5 EINECS# 201-746-1	Caryophyllene	Asp. Tox. 1, Skin Sens. 1B H304, H317		3.000
CAS# 470-82-6 EINECS# 207-431-5	Cineole	Eye Irrit. 2, Skin Sens. 1B H319, H317		0.500
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	0.500
CAS# 586-62-9 EINECS# 209-578-0	p-mentha-1,4(8)-diene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Skin Sens. 1B H304, H400, H410, H317		0.300
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		0.250

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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		0.200
CAS# 140-67-0 EINECS# 205-427-8	4-allylanisole	Acute Tox. 4 (Oral), Carc. 2, Aquatic Chronic 3, Muta. 2, Skin Irrit. 2, Skin Sens. 1B H302, H351, H412, H341, H315, H317	ATE (Orale) : 1230mg/kg	0.100
CAS# 94-59-7 EINECS# 202-345-4 INDEX# 605-020-00-9	5-allyl-1,3-benzodioxole	Acute Tox. 4 (Oral), Carc. 1B, Muta. 2 H302, H350, H341	ATE (Orale) : 1950mg/kg	0.100
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	0.100
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 %	0.100
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	0.100
CAS# 99-85-4 EINECS# 202-794-6	p-mentha-1,4-diene	Asp. Tox. 1, Aquatic Chronic 2, Flam. Liq. 3, Repr. 2 H304, H411, H226, H361		0.100

Not concerned

EINECS/ELINCS : 284-540-4

CAS : 8006-77-7

REACH : Exempted < 1t

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.

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

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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

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)

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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) :	0.04
Aspect :	Liquid
Colour :	[Light yellow ; Brown]
Odour :	Characteristic
Specific gravity (20°C) :	[1.022 ; 1.055]
Refractive index (20°C) :	[1.5270 ; 1.5400]
Optical rotation (20°C) :	[-4 ; 3]
Flash point (°C) :	91

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.

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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 : 2,633.65 (Determined)
- 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.

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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

14.1. UN number or ID number

ADR/ADN/RID : Not regulated

IMDG:Not regulated

IATA :Not regulated

14.2. UN proper shipping name

ADR/ADN/RID : Not regulated

IMDG:Not regulated

IATA :Not regulated

14.3. Transport hazard class(es)

ADR/ADN/RID : Not regulated

IMDG:Not regulated

IATA :Not regulated

14.4. Packing group

ADR/ADN/RID : Not regulated

IMDG:Not regulated

IATA :Not regulated

14.5. Environmental hazards

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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

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.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
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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use, handling, storage, and disposal of this product are beyond P&B control, it is the responsibility of the user both to determine safe conditions for use as well as to assume liability for loss, damage, and expenses arising out of improper use. No warranty expressed or implied regarding the product described herein shall be created by or inferred from any statement or omission in this SDS.

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 11.1