

GALBANUM OIL EXTRA

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

1.1. Product identifier

Denomination : GALBANUM OIL EXTRA

Reference : E2870

CAS#: 8023-91-4

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
EHA1 Aquatic Acute 1 Acute aquatic toxicity 1
EHC1 Aquatic Chronic 1 Chronic aquatic toxicity 1
FL3 Flam. Liq. 3 Flammable liquids 3
SCI2 Skin Irrit. 2 Skin corrosion/irritation 2
SS1 Skin Sens. 1 Skin sensitisation 1

H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H410 - Very toxic to aquatic life with long lasting effects.

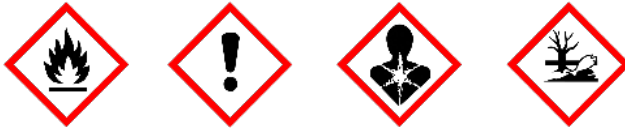
Refer to the section 16 for the all hazard statements.

2.2. Label elements

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GHS Classification :

RegulationCLP



Warning statement : DANGER

AH1 Asp. Tox. 1 Aspiration hazard 1
EHA1 Aquatic Acute 1 Acute aquatic toxicity 1
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H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H410 - Very toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

Contains Pin-2(10)-ene, (R)-p-mentha-1,8-diène, 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene, Pin-2(3)-ene

2.3. Other hazards

Not concerned

3. COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name : FERULA GALBANIFLUA RESIN OIL

3.1. Substances

Identification number	Substance	Hazard classes & H-phrases	LCS / M-factors / ATE	%
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		65.000
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		10.000
CAS# 13466-78-9 EINECS# 236-719-3	3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene	Asp. Tox. 1, Acute Tox. 4 (Inhala, Aquatic Chronic 2, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1 H304, H332, H411, H226, H315, H317	SS1 (M=1) SS1 - H317 : C >= 1 % ATE (Inhalation) : 11.25mg/L	10.000

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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	9.000
CAS# 555-10-2 EINECS# 209-081-9	2-p-menthadiène	Asp. Tox. 1, Flam. Liq. 3 H304, H226		5.235
CAS# 123-35-3 EINECS# 204-622-5	7-methyl-3-methyleneocta-1,6-diene	Asp. Tox. 1, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2, Flam. Liq. 3, Skin Irrit. 2 H304, H319, H400, H411, H226, H315		4.000
CAS# 3387-41-5 EINECS# 222-212-4	Thuj-4(10)-ene	Asp. Tox. 1 H304		2.500
CAS# 16356-11-9 EINECS# 240-416-1	Undeca-1,3,5-triene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Skin Irrit. 2 H304, H400, H410, H315	EHA1 (M=10)EHC1 (M=10)	2.200
CAS# 13851-11-1 EINECS# 237-588-5	3,3-Dimethyl-8,9-dinorbornan-2-yl acetate	Aquatic Chronic 3 H412		2.000
CAS# 3338-55-4 EINECS# 222-081-3	cis-3,7-Dimethyl-1,3,6-octatriene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 2, Flam. Liq. 3, Skin Irrit. 2		1.600
CAS# 23986-74-5 EINECS# /	Germacrene D	Asp. Tox. 1, Acute Tox. 4 (Oral) H304, H302	ATE (Orale) : 500mg/kg	1.260
CAS# 2867-05-2 EINECS# 220-686-7	5-Isopropyl-2-methylbicyclo[3.1.0]hex-2-ene	Asp. Tox. 1 H304		1.200
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	0.940
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		0.750
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		0.660
CAS# 134-28-1 EINECS# 205-135-0	1-Methyl-1-((3S,8S)-1,2,3,4,5,6,7,8-octahydro-3,8-dimethylazulen-5-yl)ethyl acetate	Aquatic Acute 1, Aquatic Chronic 1, Skin Irrit. 2, Skin Sens. 1B H400, H410, H315, H317		0.600
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		0.320
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
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		0.220
CAS# 115-95-7 EINECS# 204-116-4	Linalyl acetate	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B H319, H315, H317		0.165
CAS# 87-44-5 EINECS# 201-746-1	Caryophyllene	Asp. Tox. 1, Skin Sens. 1B H304, H317		0.100
CAS# 469-61-4 EINECS# 207-418-4	[3R-(3a,3aβ,7β,8aa)]-2,3,4,7,8,8a-hexahydro-3,6,8,8-tetramethyl-1H-3a,7-methanoazulene	Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Skin Irrit. 2 H304, H400, H410, H315	EHA1 (M=10)EHC1 (M=10)	0.090

Not concerned

EINECS/ELINCS : 296-925-4

REACH : Exempted <1t

CAS : 8023-91-4

Product type : Essential oil

3.2. Mixtures

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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

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 easily 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.

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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) :	0.3
Aspect :	Liquid
Colour :	[Light yellow ; Yellow]
Odour :	Characteristic
Specific gravity (20°C) :	[0.876 ; 0.896]
Refractive index (20°C) :	[1.4730 ; 1.4930]
Optical rotation (20°C) :	[3 ; 23]
Flash point (°C) :	43
Boiling point (°C) :	136

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: Avoid contact with any flame or spark, flame, Overheat. Avoid Direct rays of the sun.

No decomposition product if storage and handling conditions are followed.

11. TOXICOLOGICAL INFORMATION

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

Acute toxicity:

- Oral : 4,245.33 (Determined)
- Inhalation : Not classified
- Dermal : Not 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

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.

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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:



IMDG:



IATA:



14.1. UN number or ID number

ADR/ADN/RID : UN1197 (Tunnel code(D/E))

IMDG:UN1197

IATA :UN1197

14.2. UN proper shipping name

ADR/ADN/RID : EXTRACTS, LIQUID

IMDG:EXTRACTS, LIQUID

IATA :EXTRACTS, LIQUID

14.3. Transport hazard class(es)

ADR/ADN/RID : 3

IMDG:3

IATA :3

14.4. Packing group

ADR/ADN/RID : III

IMDG:III

IATA :III

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14.5. Environmental hazards

IMDG : marine pollutant type material

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.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
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.

The information given in this MSDS was obtained from current and reliable sources. However, these data are provided without any warranty, expressed or implied, regarding their correctness or accuracy. Since the conditions of 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

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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 : 2.2 3.1