

BAY OIL RECTIFIED EXTRA

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

1.1. Product identifier

Denomination : BAY OIL RECTIFIED EXTRA
Reference : E0475

CAS#: 8006-78-8
REACH#: -

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

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06131 GRASSE cedex - FRANCE
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1.4. Emergency telephone number

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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification :

RegulationCLP

AH1	Asp. Tox. 1	Aspiration hazard 1
CAR2	Carc. 2	Carcinogenicity 2
ED12	Eye Irrit. 2	Serious eye damage/Eye irritation 2
EHA1	Aquatic Acute 1	Acute aquatic toxicity 1
EHC2	Aquatic Chronic 2	Chronic aquatic toxicity 2
MUT2	Muta. 2	Germ cell mutagenicity 2
SCI2	Skin Irrit. 2	Skin corrosion/irritation 2
SS1	Skin Sens. 1	Skin sensitisation 1

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.

H341 - Suspected of causing genetic defects.

H351 - Suspected of causing cancer.

H400 - Very toxic to aquatic life.

H411 - Toxic 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
CAR2 Carc. 2 Carcinogenicity 2
ED12 Eye Irrit. 2 Serious eye damage/Eye irritation 2
EHA1 Aquatic Acute 1 Acute aquatic toxicity 1
EHC2 Aquatic Chronic 2 Chronic aquatic toxicity 2
MUT2 Muta. 2 Germ cell mutagenicity 2
SCI2 Skin Irrit. 2 Skin corrosion/irritation 2
SS1 Skin Sens. 1 Skin sensitisation 1

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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, 7-methyl-3-methylenoocta-1,6-diene, 4-Allylphenol, (R)-p-mentha-1,8-diène

2.3. Other hazards

Not concerned

3. COMPOSITION / INFORMATION ON INGREDIENTS

INCI Name : PIMENTA RACEMOSA LEAF/FRUIT OIL

3.1. Substances

Product type : Essential oil

3.2. Mixtures

Identification number	Substance	Hazard classes & H-phrases	LCS / M-factors / ATE	%
CAS# 97-53-0 EINECS# 202-589-1 REACH# 01-2119971802-33	Eugenol	Eye Irrit. 2, Skin Sens. 1B H319, H317		57.500

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CAS# 123-35-3 EINECS# 204-622-5 REACH# 01-2119514321-56	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		21.000
CAS# 501-92-8 EINECS# 207-929-2	4-Allylphenol	Acute Tox. 4 (Oral), Carc. 2, Muta. 2, Skin Sens. 1B H302, H351, H341, H317	ATE (Orale) : 1230mg/kg	12.760
CAS# 5989-27-5 EINECS# 227-813-5 INDEX# 601-096-00-2 REACH# 01-2119529223-47	(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		10.083
CAS# 78-70-6 EINECS# 201-134-4 INDEX# 603-235-00-2 REACH# 01-2119474016-42	Linalool	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B H319, H315, H317		3.027
CAS# 470-82-6 EINECS# 207-431-5 REACH# 01-2119967772-24	Cineole	Eye Irrit. 2, Skin Sens. 1B H319, H317		1.680
CAS# 99-87-6 EINECS# 202-796-7 INDEX# 601-094-00-1 REACH# 01-2120807345-59	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	1.176
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, Skin Sens. 1 H304, H400, H410, H226, H317	SS1 (M=1) SS1 - H317 : C >= 1 %	1.092
CAS# 93-15-2 EINECS# 202-223-0 REACH# 01-2120765387-42	Methyleugenol	Acute Tox. 4 (Oral), Carc. 2, Muta. 2 H302, H351, H341	ATE (Orale) : 1180mg/kg	0.466
CAS# 5392-40-5 EINECS# 226-394-6 INDEX# 605-019-00-3 REACH# 01-2119462829-23	Citral	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1 H319, H315, H317	SS1 - H317 : C >= 1 %	0.179
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 - H317 : C >= 0.01 % ATE (Dermale) : 1912mg/kg ATE (Orale) : 1500mg/kg ATE (Inhalation) : 11.25mg/L	0.001

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 immediately 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.

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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

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.

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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

Aspect :	Liquid
Colour :	[Light yellow ; Yellow]
Odour :	Characteristic
Specific gravity (20°C) :	[0.940 ; 0.990]
Refractive index (20°C) :	[1.5080 ; 1.5150]
Optical rotation (20°C) :	[-3 ; 14]
Flash point (°C) :	62

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 (mg/kg) : Not classified
- Inhalation (mg/L) : Not classified
- Dermal (mg/kg) : 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

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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:



IMDG:



IATA:



14.1. UN number or ID number

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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

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 WGK 2

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

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- 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.
- H335** May cause respiratory irritation.
- H341** Suspected of causing genetic defects.
- 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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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 2025.

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

H224-H225-H226 : Measured

Other hazard statements : Calculated

Classification of substance and evaluation methods according to regulation (CE) n° 1272/2008 and its amendments :

Measured or Calculated

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