

SAGE LAVANDULIFOLIA OIL (SPANISH SAGE)

1. Product and company identification

1.1 Product identifier:

CAS N°: 8016-65-7 / 90106-49-3
EINECS/ELINCS N°: 290-272-9
INCI: Salvia Lavandulifolia Herb Oil

1.2 Use of the substance:

Aromatic raw materials intended for flavours and fragrances, food or similar.

Unsuitable uses: Not intended for direct personal use in this form or concentration. Exclusively for industrial use.

1.3 Company (Supplier):

Crovay Natural Solutions S.L.

Adress: Ctra. Nova 129 3º 4ª, La Garriga 08530, Barcelona

E-Mail: info@crovay.com

1.4 Emergency phone:

2. Hazards identification

2.1 Substance classification:

In accordance with the Regulation (CE) n° 1272/2008

Flammable liquids, Hazard Category 3; H226

Acute toxicity (oral), Hazard Category 4; H302

Acute toxicity (inhal.), Hazard Category 4; H332

Sensitisation — Skin, Hazard Category 1; H317

Specific target organ toxicity — Single exposure, Hazard Category 2; H371 Aspiration hazard, Hazard Category 1; H304

Aquatic hazard - acute Hazard Category 1 H400

Aquatic hazard - long term Hazard Category C1 H410

2.2 Labelling :



Danger

Hazard statements:

H226 Flammable liquid and vapour
H332 Harmful if inhaled
H317 May cause an allergic skin reaction
H304 May be fatal if swallowed and enters airways
H371 May cause damage to organs.
H410 Very toxic to aquatic life with long lasting effects

Precautionary statements:

Prevention

- P210 Keep away from heat/spars/ open flame or hot surfaces. Do not smoke.
- P211 Do not spray on an open flame or other ignition source.
- P262 Do not get in eyes, on skin or on clothing.
- P264 Wash your hand thoroughly with plenty of water and soap after handling.
- P270 Do not eat, drink or smoke when using this product.
- P281 Use personal protective equipment as required.
- P273 Avoid release to the environment.

Response

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P332+P313 If skin irritation occurs, get medical advice/attention.
- P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P331 Do not induce vomiting.
- P370+P378 In case of fire : Use water and powder for extinction.
- P391 Collect the spillage.

Storage

- P403+P235 Store in a well ventilated place. Keep cool.
- P405 Store locked up.

Elimination

- P501 Dispose of contents/container in an appropriated place.

3. Composition / information about compounds

Product nature: Natural Complex Substance

3.1 Substance

Compound	EINECS	Nº CAS	Hazard	%
Alpha Pinene	201-291-9	80-56-8	SCI 3; SS 1(nota); EH A1,C1	4 - 11 %
Canfene	201-234-8	79-92-5	SCI 3; EDI 2A; EH A1,C1	4 - 10 %
Beta Pinene	204-872-5	127-91-3	SCI 3; SS 1(nota); EH A1,C1	3 - 7 %
Myrcene	204-622-5	123-35-3	SCI 3; EH A3,C3	1 - 6 %
Limonene	231-732-0	7705-14-8	SCI 2; SS 1; EH A1,C1	2 - 6 %
1,8 Cineol (Eucalyptol)	207-431-5	470-82-6	ATO 5(2500), SCI 3	11 - 36 %
Camphor	200-945-0	76-22-2	ATI 2(0,5); SCI 3; STSE 2	11 - 36 %
Linalool	201-134-4	78-70-6	ATO 5(3000); SCI 2; EH A3	0.3 - 4 %
Beta Cariophyllene	201-746-1	87-44-5	SCI 3	0.5 - 3 %
Borneol	208-080-0	507-70-0	SCI 3	1 - 7 %

4. First aids measures

4.1 First aids description:

- Ingestion: Rinse mouth with water.
Go to medical advice immediately and show this container or label.
Keep at rest. Do not induce vomiting.
- Eyes contact: Remove contact lenses and wash thoroughly with clean water for at least fifteen minutes. Seek medical attention if adverse effects occur.
- Inhalation: Move person to fresh air, keep the body temperature and keep at rest.
- Skin contact: Remove contaminated clothing. Wash skin with large amounts of soap and water.

4.2 Major symptoms and effects, acute and delayed:

Not applicable.

4.3 Indication of medical attention and special treatment to be dispensed immediately:

Not applicable.

5. Fire fighting measures

5.1 Extinguishing media:

Recommended: Use carbon dioxide (CO₂), foam or dry powder, taking into account the rest of substances and products stored.

Do not use: direct water jet.

5.2 Specific hazards arising from the substance or mixture: Carbon oxides.

5.3 Advice for fire fighting:

In case of fire the following instructions:

Avoid inhalation of fumes or vapors generated. Use suitable respiratory equipment.

Do not allow effluent from fire extinguishing are spilled into drains or watercourses.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

To handle the product with gloves.

Keep out of the area affected non-essential personnel. Avoid contact with skin and eyes.

No smoking.

6.2 Precautions for the environment:

Keep spills out of municipal sewers and open bodies of water.

6.3 Methods and materials for containment and cleaning up:

Cleaning up spills and store in containers for disposal according to local regulations.

Clean the surface thoroughly to remove residual contamination.

6.4 Reference to other sections:

See section 13.

7. Handling and Storage

Observing Precautions in the labelling

7.1 Precaution for safe handling:

Do not handle material near food or drinking water. No smoking.

Avoid contact with eyes, skin, and clothing. Dress clothes and wear goggles.

Observe the standards of hygiene and safety at work.

7.2 Conditions for safe storage, including any incompatibilities:

Keep product in original container tightly closed in a well ventilated, dry area away from ignition sources and protected from light.

Store according to local / national regulations, observing precautions in the labeling.

Keep away from incompatible substances (see Incompatibility section).

7.3 Specific end uses:

Aromatic raw materials intended for flavours and fragrances or similar.

8. Exposure controls / Personal protection

8.1 Control parameters:

Workplace Exposure Limits: No substances declaration is required in this section.

8.2 Exposure controls:

Protective equipment: Use personal protective equipment in accordance with Directive 89/686/EEC.

Eye protection: In general, we recommend using safety glasses with side shields.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Skin protection: Avoid contact with skin. The use of chemical resistant gloves (latex, nitrile, vinyl or similar).

Rinse and remove gloves immediately after use.

Wash hands with soap and water.

Ventilation: Provide adequate ventilation, adapting to the conditions of use. Use local exhaust if necessary.

9. Physical and Chemical properties

9.1 Basic information about physical and chemical properties:

Appearance:	Transparent liquid, colorless to yellow.
Odour:	Characteristic, aromatic, camphoraceous.
Odour threshold:	No data available.
pH:	No data available.
Melting point / Freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	51° C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/Lower flammability-explosive limits	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Relative Density 20° C:	0.907 – 0.932
Solubility:	No data available.
Partition coefficient: n-octanol/Water:	No data available.
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidising properties:	No data available.
Optical rotation 20°C:	(+7° / +17°)
Refractive index 20°C:	1.465 – 1.473

10. Stability and Reactivity

10.1 Reactivity:	No data available.
10.2 Chemical stability:	Stable under normal conditions of use.
10.3 Possibility of hazardous reactions:	No dangerous reactions known in normal processing conditions.
10.4 Conditions to avoid:	Do not expose to high temperatures. Avoid sources of ignition.
10.5 Incompatible materials:	No data available.
10.6 Hazardous decomposition products:	May be formed during combustion of carbon monoxide and organic components not identified.

11. Toxicological information

11.1 Information on toxicological effects:

Toxicological effects:	See the sections 2 and 3.	
a) Acute toxicity:	LD50 Oral-Rat	>5000.00 mg/kg
	LD50 Dermal-Rabbit	>5000.00 mg/kg
b) Skin corrosion / irritation:	Not Irritant	
c) Serious eye damage / eye irritation:	Not Irritant	
d) Respiratory or skin sensitization:	Sensitizing substance (by calculation).	
e) Germ cell mutagenicity:	Not mutagenic.	
f) Carcinogenicity:	Not carcinogenic.	
g) Reproductive toxicity:	Not toxic for reproduction.	
h) Specific target organ toxicity – single exposure:	No data available.	
i) Specific target organ toxicity – repeated exposure:	No data available.	
j) Aspiration hazard:	No data available.	

12. Ecological information

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12.1 Acute aquatic toxicity:	Very toxic to aquatic organisms.
12.2 Persistence and degradability:	No data available.
12.3 Bio accumulative potential:	No data available.
12.4 Movility in soil:	No data available.
12.5 Results of PBT and vPvB assessment:	No data available.
12.6 Other adverse effects:	Avoid contaminating soil, groundwater and surface water.

13. Disposal considerations

13.1 Waste treatment methods:	
Packaging / containers:	Do not reuse empty containers. Empty waste at appropriate facilities.
Terms of elimination:	Dispose in accordance with local and national regulations.

14. Transport information

Road Transport (ADR)

Number UN:	UN 1169
Denomination:	Extracts, aromatic, liquid.
Class:	3
Packing group:	III
Label:	3

Sea Transport (IMDG)

Number UN:	UN 1169
Denomination:	Extracts, aromatic, liquid.
Class:	3
Packing group:	III
Label:	3
Aquatic contaminating:	Yes

Air Transport (ICAO/IATA)

Number UN:	UN 1169
Denomination:	Extracts, aromatic, liquid.
Class:	3
Packing group:	III
Label:	3

15. Regulatory information

15.1 Regulations and legislation on safety, health and environment specific for the substance or mixture:
The substance is listed in EINECS, ELINCS.

15.2 Chemical Safety Assessment:
No data available.

16. Other information

Main references and data sources:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).

4. IFRA / IOFI Labeling Manual.

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