



LAVANDIN GROSSO ORGANIC EC

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Commercial Product Name	LAVANDIN GROSSO ORGANIC EC
Generic name	—
Index-No annex VI	—
CAS-No.	8022-15-9
EC-No.	297-385-2
EC CAS-No.	93455-97-1
FEMA-No.	2618
FDA-No.	182.20
CoE-No.	257
REACH registration No.	In accordance with REACH

1.2. Relevant identified uses of the substance or mixture and uses advised against

Raw material for the industry.

1.3. Details of the supplier of the safety data sheet

Name and full details	ASTIER DEMAREST S.A. 60, route de la Paoute BP 51002 - Le Plan de Grasse 06131 GRASSE CEDEX FRANCE Tel / Ph +33.(0).4.93.40.56.56 contact@astierdemarest.com
E-mail adress of the person in charge of the writing of the material safety data sheets	reglementation@astierdemarest.com

1.4. Emergency telephone number

UNITED KINGDOM

In England and Wales NHS 111 - dial 111

In Scotland NHS 24 - dial 111

IRELAND :




National Poisons Information Centre: 353 (1) 809 2166 (8.00 a.m.to 10.00 p.m. 7 days a week). Healthcare Professionals: +353 (1) 809 2566 (24 hour service)

2. Hazards identification

2.1. Classification of the substance or mixture

	Causes serious eye damage. [H318] : Causes serious eye damage. [H317] : May cause an allergic skin reaction. [H411] : Toxic to aquatic life with long lasting effects. Irreversible effects on the eye - Category 1 [Eye Dam. 1] : Irreversible effects on the eye - Category 1 [Skin Sens. 1B] : Skin sensitisation - Category 1 B
--	---

2.2. Label elements

Hazard pictograms	  
Signal word	Danger
Hazard statements	[H317] : May cause an allergic skin reaction. [H318] : Causes serious eye damage. [H411] : Toxic to aquatic life with long lasting effects.



LAVANDIN GROSSO ORGANIC EC

Precautionary statements	<p>[P261] : Avoid breathing dust/fume/ gas/mist/vapours/spray. [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/hearing protection/... (Manufacturer/supplier to specify the appropriate type of personal protective equipment.) [P302+P352] : IF ON SKIN: Wash with plenty of water/... [P305+P351+P338] : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. [P310] : Immediately call a POISON CENTER/doctor/... (...Manufacturer/supplier to specify the appropriate source of emergency medical advice.) [P321] : Specific treatment (see ... on this label). (... Reference to supplemental first aid instruction.) [P333+P313] : If skin irritation or rash occurs: Get medical advice/attention. [P362+P364] : Take off contaminated clothing and wash it before reuse. [P391] : Collect spillage. [P501] : Dispose of contents/container to gional/national/international regulation.</p>
Additional Hazard class	—

2.3. Other hazards

—

3. Composition/information on ingredients

3.1. Substances

Main constituent	Lavender, Lavandula hybrida grosso, ext.
Other constituents (additives, stabilising additive...)	—

3.2. Mixtures / UVCB

- Hazardous components - Classification according to Regulation (EC) No 1272/2008

Name	EC No	CAS No	CLP - Categories	CLP - Hazard Statement	Mini	Maxi
(E)-beta-Ocimene	223-241-5	3779-61-1	Skin Irrit. 2 Aquatic Acute 1 Aquatic Chronic 2	H315 H411	0 %	1 %
(Z)-beta-Ocimene	222-081-3	3338-55-4	Flam. Liquid 3 Asp. Tox. 1 Skin Irrit. 2 Aquatic Chronic 2 Aquatic Acute 1	H226 H304 H315 H411 H400	0.5 %	1.5 %
1-Octen-3-ol	222-226-0	3391-86-4	Skin. Sens. 1B Skin Irrit. 2 Eye Irrit. 2 Acute Tox. I 4 Acute Tox. O 3	H317 H315 H319 H332 H301	0 %	0.5 %
1-Octen-3-yl acetate	219-474-7	2442-10-6	Skin. Sens. 1B Acute Tox. O 4	H302 H317	0 %	0.5 %
1.8-Cineole	207-431-5	470-82-6	Skin. Sens. 1B Flam. Liquid 3	H317 H226	4 %	8 %
alpha-Pinene	201-291-9	80-56-8	Flam. Liquid 3 Acute Tox. O 4 Skin Irrit. 2 Skin. Sens. 1B Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H302 H315 H317 H304 H410	0.2 %	0.8 %
alpha-Terpineol	202-680-6	98-55-5	Skin Irrit. 2 Eye Irrit. 2	H319 H315	0.3 %	1.3 %
alpha-Terpinolene	209-578-0	586-62-9	Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1 Skin. Sens. 1B	H304 H317 H410	0 %	0.5 %
alpha-Thujene	220-686-7	2867-05-2	Flam. Liquid 3 Skin. Sens. 1	H226 H317	0 %	0.5 %
beta-Bisabolene	610-461-5	495-61-4	Skin Irrit. 2 Skin. Sens. 1B Asp. Tox. 1	H315 H317 H304	0 %	0.8 %

LAVANDIN GROSSO ORGANIC EC

beta-Caryophyllene	201-746-1	87-44-5	Skin. Sens. 1B Asp. Tox. 1 Aquatic Chronic 4	H317 H304 H413	1 %	4 %
beta-Pinene	204-872-5	127-91-3	Flam. Liquid 3 Skin Irrit. 2 Skin. Sens. 1B Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 1	H226 H315 H317 H304 H410	0 %	1 %
Borneol	208-080-0	507-70-0	Flam. Solid 1 Skin Irrit. 2 Aquatic Chronic 2	H228 H315 H411	1.5 %	3.5 %
Butyl butyrate	607-031-00-4	109-21-7	Flam. Liquid 3	H226	0 %	0.05 %
Camphene	201-234-8	79-92-5	Eye Irrit. 2 Flam. Solid 2 Aquatic Chronic 1 Aquatic Acute 1	H319 H228 H410	0 %	0.5 %
Camphor	200-945-0	76-22-2	STOT Single Exp. 2 Acute Tox. I 4 Acute Tox. O 4 Skin Irrit. 2 Flam. Solid 2 Eye Dam. 1 Aquatic Chronic 2	H302 H332 H371 H315 H228 H318 H441	6 %	8.5 %
Delta-3-Carene	236-719-3	13466-78-9	Flam. Liquid 3 Skin. Sens. 1 Asp. Tox. 1 Skin Irrit. 2 Acute Tox. I 4 Aquatic Acute 1 Aquatic Chronic 1	H226 H304 H317 H315 H332 H410	0 %	0.1 %
gamma-Terpinene	202-794-6	99-85-4	Flam. Liq. 3 Repr. 2 Aquatic Chronic 2	H226 H361 H411	0 %	0.4 %
Geraniol	203-377-1	106-24-1	Skin Irrit. 2 Eye Damage 1 Skin Sens. 1B	H318 H315 H317	0 %	0.8 %
Geranyl acetate	203-341-5	105-87-3	Skin Irrit. 2 Skin. Sens. 1B Aquatic Chronic 3	H315 H317 H412	0 %	0.4 %
Limonene	601-029-00-7	138-86-3	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Aquatic Chronic 1 Aquatic Acute 1	H226 H315 H317 H410	0.5 %	1.5 %
Linalool	603-235-00-2	78-70-6	Skin. Sens. 1B	H317	24 %	37 %
Linalyl acetate	204-116-4	115-95-7	Skin Irrit. 2 Skin. Sens. 1B	H315 H317	25 %	38 %
Myrcene	204-622-5	123-35-3	Flam. Liq. 3 Eye Irrit. 2 Skin Irrit. 2 Asp. Tox. 1 Aquatic Acute 1 Aquatic Chronic 2	H226 H304 H315 H319 H411	0.3 %	1 %
Neryl acetate	205-459-2	141-12-8	Skin. Sens. 1B	H317	0.2 %	1 %
p-Cymene	202-796-7	99-87-6	Flam. Liq. 2 Repr. 2 Asp. Tox. 1 Aquatic Chronic 2	H226 H361 H304 H411	0 %	0.4 %
Terpinen-4-ol	209-235-5	562-74-3-A	Acute Tox. O 4 Skin Irrit. 2 Eye Irrit. 2	H302 H319 H315	1.5 %	5 %

4. First aid measures**4.1. Description of first aid measures**

Skin contact	Remove contaminated clothing. Wash contaminated area with copious amounts of water and soap. Ask for medical advice if irritating.
---------------------	--



LAVANDIN GROSSO ORGANIC EC

Eye contact	Rinse immediately with plenty of water holding the eyelids apart. Consult a physician if irritation persists. For contact lens wearers: Rinse immediately with plenty of water. The lenses fall certainly during flushing. If this is not the case, remove if they can be easily removed. Do not give them and do not return the lens after the accident without the advice of your ophthalmologist.
Ingestion	If the person is conscious, rinse mouth with water. DO NOT induce vomiting unless directed by medical personnel. Consult a doctor immediately. NEVER GIVE AN UNCONSCIOUS PATIENT WATER TO DRINK.
Inhalation	Place the patient to fresh air. If symptoms occur, consult a doctor. If unconscious, place in recovery position and get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

For more details on the consequences in terms of health and symptoms, refer to Section 11.

4.3. Indication of any immediate medical attention and special treatment needed

In case of doubt or if symptoms persist, consult a doctor. Never give anything by mouth to an unconscious person. It is recommended that those providing first aid have a personal protective equipment. No action shall be taken in the absence of proper training.

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide, dry chemical foam
Unsuitable extinguishing media	Direct stream of water.

5.2. Special hazards arising from the substance or mixture

Possible production of toxic fumes in case of fire.

5.3. Advice for firefighters

Avoid breathing vapors and smoke released. Use a mask if necessary. Do not attack the fire with water: water instead of stifling tends to fuel the fire some aromatic products such as essential oils have the ability to float on water. The fire spread so fast. Cool closed containers exposed to the heat of the fire by spraying water because the pressure can increase at high temperatures. To extinguish an incipient fire based essential oil, use a specific ABC powder fire extinguisher (or equivalent). If the fire is not important, it can be choked by covering with earth, sand or blanket.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. Keep away all sources of ignition. Ventilate the premises. Do not smoke.

6.2. Environmental precautions

Avoid contamination of drains, surface water and groundwater. In case of environmental pollution (soil, drains, sewers, surface water or ground water), inform the competent authorities.

6.3. Methods and material for containment and cleaning up

Large spillages should be contained with absorbent material, sand or inert powder, which will then be scanned and destroyed according to regulations as well as towels, sponges, etc.. used to absorb.

6.4. Reference to other sections

For personal protection, see section 8.

For waste disposal, see section 13.

7. Handling and storage

7.1. Precautions for safe handling

Avoid contact with the product. (See individual protection measures in section 8.) Do not ingest the product. Keep away from food or drink. Do not smoke near. Do not breathe vapors plenty hot. During the incorporation of the product, it must be kept at relatively low temperatures. If necessary temperature rise, it must be provided within short time. Do not heat open flame, fumes or expose to flame or other sources of ignition (eg electrical equipment). An adequate ventilation is desirable. Observe the precautions required by the current hygiene.

7.2. Conditions for safe storage, including any incompatibilities

It is recommended to store in the original sealed packaging, away from heat and avoiding too large temperature differences. An adequate ventilation is desirable. Observe the precautions required by the current hygiene.

7.3. Specific end use(s)

Comply with the regulations, no specific recommendation.



LAVANDIN GROSSO ORGANIC EC

8. Exposure controls/personal protection

8.1. Control parameters

Not determined, refer to the regulations (occupational exposure limit values, Derived No-Effect Level DNEL, Predicted No-Effect Concentration PNEC)

8.2. Exposure controls

- Appropriate engineering controls

Maintain air concentrations below occupational exposure standards. Observe the normal safety precautions for the use of chemicals, ocular fountains and showers should be available nearby workstations.

- Individual protection measures, such as personal protective equipment

Eye / face protection	Safety glasses or goggles (EN 166)
Skin protection	Protective work clothing, gloves resistant to chemicals (EN 374-1) protection. They must be replaced regularly and the first signs of damage. Wash hands before breaks and immediately after handling the product.
Respiratory protection	In well-ventilated areas, respiratory protection is not normally required. If this is not the case, a mask may be required unless otherwise stated in section 2.
Thermal hazards	Always wear appropriate protective equipment and a self-contained breathing apparatus.

- Environmental exposure controls

Refer to regulations.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Clear mobile liquid
Colour	Light yellow
Odour	Characteristic, slightly camphoraceous, lavender-like
pH	Not determined
Melting point/freezing point - °C	Not determined
Initial boiling point and boiling range - °C	Not determined
Flash point	75 °C 167 °F
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Min 0.891 Max 0.899
Solubility(ies)	Soluble in ethanol
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature - °C	Not determined
Decomposition temperature - °C	Not determined
Viscosity	Not determined
Explosive properties	The substance does not contain chemical groups with explosive properties.
Oxidising properties	The substance does not contain chemical groups with oxidizing properties.

9.2. Other information



LAVANDIN GROSSO ORGANIC EC

10. Stability and reactivity

10.1. Reactivity

Does not present dangerous reactions under normal using conditions.

10.2. Chemical stability

Stable product in proper storage conditions.

10.3. Possibility of hazardous reactions

None according to our knowledge in the normal conditions of use.

10.4. Conditions to avoid

Prolonged or excessive heat and / or exposure to air can cause a non-hazardous decomposition and / or oxidation of the substance.

10.5. Incompatible materials

Avoid strong oxidants and acids.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

11. Toxicological informations

11.1. Information on toxicological effects

Acute toxicity oral	Not determined
Acute toxicity dermal	Not determined
Skin corrosion/irritation	Not determined
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	May cause an allergic skin reaction. May cause an allergic skin reaction.
Germ cell mutagenicity	Not determined
Carcinogenicity	Not determined
Reproductive toxicity	Not determined
STOT - single exposure	Not determined
STOT - repeated exposure	Not determined
Aspiration hazard	Not determined
Other information	Not determined

12. Ecological informations

12.1. Ecological information

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Not determined

12.3. Bioaccumulative potential

Not determined

12.4. Mobility in soil

Not determined

12.5. Results of PBT and vPvB assessment

Not determined

12.6. Other adverse effects

Not determined



LAVANDIN GROSSO ORGANIC EC

13. Disposal considerations

13.1. Waste treatment methods

Prohibit the discharge into the natural environment (air, water, soil). Comply with applicable local regulations for disposal of waste and packaging. Use preferably a collector or an approved company. Keep (the) label (s) of contaminated packaging systematically. Empty packaging reuse

14. Transport informations

14.1. ADR

UN number	No Regulations
UN proper shipping name	—
Class	—
Packing group	—
Tunnel restriction No.	—
Labelling	—

14.2. IATA

UN Number	No Regulations
UN proper shipping name	—
Class	—
Subsidiary class	—
Packing group	—
Packing instruction	—
Labelling	—

14.3. IMDG

UN Number	No Regulations
UN proper shipping name	—
Class	—
Subsidiary class	—
Packing group	—
EMS No.	—
Labelling	—

14.4. Environmental hazards

The brand "dangerous substance for the environment" should be marked.

14.5. Special precautions for user

Road: refer ADR regulation, including the safety requirements of stakeholders (Section 1.4) and the provisions concerning loading, unloading and handling (Section 7.5).

Shipping: Please refer to the IMDG regulations.

Air transport refer to IATA regulations.

15. Regulatory informations

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

—

15.2. Chemical safety assessment



LAVANDIN GROSSO ORGANIC EC

A chemical risk assessment is not required for this substance.

16. Other informations

Sources : Norme NF ISO 8902 06/2009 Oil of lavandin Grosso

IFRA/IOFI Labeling Manual.

This manual supplements the product data sheet but does not replace it. This information is correct to the best of our knowledge at the date indicated and are given in good faith. We shall not be held liable for use of the product for purposes other than those for which it is designed. This form does not exempt the user from knowing and applying all the regulations governing his activity. He will be the sole responsibility of the precautions related to his use of the product.

Full text of H-phrases mentioned in Section 3:

H226

Flammable liquid and vapour.

H228

Flammable solid.

H302

Harmful if swallowed.

H304

May be fatal if swallowed and enters airways.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H332

Harmful if inhaled.

H361

Suspected of damaging fertility or the unborn child .

H371

May cause damage to organs.

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

H412

Harmful to aquatic life with long lasting effects.

H413

May cause long lasting harmful effects to aquatic life.

H441

- Indication of where changes have been made to the previous version

3, 11, 12, 16