

**LAVENDER ESSENTIAL OIL**

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier**

Product Name LAVENDER ESSENTIAL OIL  
 Substance name Lavender, Lavandula angustifolia, ext.  
 CAS No. 90063-37-9  
 EC No. 289-995-2  
 REACH Registration No. Exempt: tonnage band under 1 ton/year

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

Identified Use(s) Raw material for industry  
 Cosmetic products, detergents  
 Uses Advised Against Not known.

**\*1.3 Details of the supplier of the safety data sheet**

Supplier  
 Company Identification Scents From Nature - Natural Essential Oils Company, Lda  
 Address of Manufacturer Zona Industrial da Ladeira da Calça, Lote 1  
 Postal code 3260-305 Figueiró dos Vinhos, Portugal  
 Telephone: (+351) 21 010 3900  
 E-mail Info@SCENTSNATURE.com

**1.4 Emergency telephone number**

National response centre  
 Address Centro de Informação Antivenenos (CIAV)  
 INEM – Instituto Nacional de Emergência Médica,  
 Rua Almirante Barroso, 36,  
 1000 – 013 LISBOA, Portugal.  
 Emergency Phone No. 800 250 250

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 3 :Flammable liquid and vapour.  
 Asp. Tox. 1 :May be fatal if swallowed and enters airways.  
 Skin Irrit. 2 :Causes skin irritation.  
 Skin Sens. 1B :May cause an allergic skin reaction.  
 Aquatic Chronic 2 :Toxic to aquatic life with long lasting effects.

**2.2 Label elements**

According to Regulation (EC) No. 1272/2008 (CLP)  
 Product Name LAVENDER ORGANIC ESSENTIAL OIL  
 Substance name Lavender, Lavandula angustifolia, ext.

**Hazard Pictogram(s)**



**Signal Word(s)**

Danger

**Hazard Statement(s)**

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.  
 H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statement(s)**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P264: Wash hands and exposed skin thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P331: Do NOT induce vomiting.  
 P403+P235: Store in a well-ventilated place. Keep cool.

**2.3 Other hazards**

None known.

**LAVENDER ESSENTIAL OIL**

**2.4 Additional Information**

For full text of H/P Statements see section 16.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Lavander, Lavandula angustifolia, ext.	90063-37-9	289-995-2	100	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Aquatic Chronic 2 (H411)	GHS02 GHS07 GHS08 GHS09

Major constituents of the substance contributing to the classification:

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
cineole	470-82-6	207-431-5	25-60	Flam. Liq. 3 H226 Skin Sens. 1B H317	GHS02 GHS07
Oils, camphor	8008-51-3	616-922-7	10-30	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS02 GHS08 GHS07 GHS09
(R)-p-mentha-1,8-diene d-limonene	5989-27-5	227-813-5	0-15	Flam. Liq. 3 H226 Asp. Tox. 1 H304 Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Acute 1 H400 Aquatic Chronic 3 H412	GHS02 GHS08 GHS07 GHS09
LINALOOL	78-70-6	201-134-4	0-10	Skin Irrit. 2 H315 Skin Sens. 1B H317 Eye Irrit. 2 H319	GHS07

Contains no non-classified vPvB substances.

Contains no non-classified substances with a Union workplace exposure limit.

For full text of H/P Statements see section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

Inhalation Treat symptomatically.  
 Skin Contact Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Rinse skin with water.  
 Eye Contact Treat symptomatically.  
 Ingestion Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

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

May cause irritation. Allergic contact dermatitis.

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

Treat symptomatically.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable Extinguishing media Use water spray, dry powder or carbon dioxide to extinguish.  
 Unsuitable extinguishing media Water jet spray

**5.2 Special hazards arising from the substance or mixture**

Flammable liquid and vapour. Combustion or thermal decomposition will evolve toxic and irritant vapours.

**5.3 Advice for firefighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire

**LAVENDER ESSENTIAL OIL**

area because they are likely to rupture under fire conditions.





**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing, gloves and eye/face protection.
- 6.2 Environmental precautions**  
Avoid release to the environment. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.
- 6.3 Methods and material for containment and cleaning up**  
Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.
- 6.4 Reference to other sections**  
See Also Section 8, 13.

**SECTION 7: HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Store locked up. Store in a well-ventilated place. Keep cool.  
Storage temperature: Ambient.  
Storage life: Stable under normal conditions.  
Incompatible materials: None known.
- 7.3 Specific end use(s)**  
Not known.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Control parameters**  
8.1.1 Occupational Exposure Limits: No Occupational Exposure Limit assigned.
- 8.2 Exposure controls**
  - 8.2.1. Appropriate engineering controls: Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.
  - 8.2.2. Personal protection equipment
    -  Eye Protection: Wear eye protection with side protection (EN166).
    -  Skin protection: Wear protective clothing and gloves: Impervious gloves (EN 374).
    -  Respiratory protection: A suitable mask with filter type A (EN14387 or EN405) may be appropriate.
    -  Thermal hazards: None known.
  - 8.2.3. Environmental Exposure Controls: Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**LAVENDER ESSENTIAL OIL**

**9.1 Information on basic physical and chemical properties**

Physical state	Liquid.
Colour	Yellow
Odour	Floral and fresh
Melting point/freezing point	Not known. +
Boiling point or initial boiling point and boiling range	Not known. +
Flammability	Not known. +
Lower and upper explosion limit	Not known. +
Flash Point	48°C
Auto-ignition temperature	Not known. +
Decomposition Temperature	Not known. +
pH	4.4
Kinematic Viscosity	Not known. +
Solubility	Solubility (Water) : Not known. + Solubility (Other) : Not known. +
Partition coefficient n-octanol/water (log value)	Not known. +
Vapour pressure	Not known. +
Density and/or relative density	Density (g/ml) : 0.916
Relative vapour density	Not known. +
Particle characteristics	Not known. +

+ There are no data available at the time of writing this document or it is not applicable due to the nature and danger of the product

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

None anticipated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

Avoid friction, sparks, or other means of ignition.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

Acute toxicity - Ingestion	Calculation method : Not classified.
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : May cause an allergic skin reaction.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : May be fatal if swallowed and enters airways.

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.

**LAVENDER ESSENTIAL OIL**

Toxicity - Terrestrial Compartment	Not classified.
<b>12.2 Persistence and degradability</b>	Not known.
<b>12.3 Bioaccumulative potential</b>	Not known.
<b>12.4 Mobility in soil</b>	Not known.
<b>12.5 Results of PBT and vPvB assessment</b>	Not known.
<b>12.6 Endocrine disrupting properties</b>	None known.
<b>12.7 Other adverse effects</b>	Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator. Dispose of this product and its container, sending them to an authorized collection and recovery/disposal company.
<b>13.2 Additional Information</b>	Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

<b>*14.1 UN number or ID number</b>	
UN No.	1197
<b>*14.2 UN proper shipping name</b>	
UN proper shipping name	EXTRACTS, LIQUID
<b>*14.3 Transport hazard class(es)</b>	
ADR/RID	
ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	601
Limited Quantities	5 L
Excepted Quantities	E1
Emergency Action Code	3Y
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T2
Special Provisions for Portable Tanks	TP1
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	3
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	V12
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2
ADR HIN	30
IMDG	
IMDG Class	3
Special Provisions	601
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC03 LP01 R001
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T2
Special Provisions for Portable Tanks	TP1
IMDG EMS	F-E, S-D
Stowage and Handling	Category A
Segregation	

**LAVENDER ESSENTIAL OIL**

Marine Pollutant

ICAO/IATA	
IATA Proper Shipping Name	EXTRACTS, LIQUID
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited	Y344
Quantities Packing Instructions	
Passenger and Cargo Aircraft Limited	10L
Quantities Max net Qty	
Passenger and Cargo Aircraft Packing	355
Instructions	
Passenger and Cargo Aircraft Max net	60L
Qty	
Cargo Aircraft Packing Instructions	366
Cargo Aircraft Max net Qty	220L
Special Provisions	A3
Emergency Response Guidebook (ERG)	3L
Code	
Labels	
Labels	3



**14.4 Packing group**

Packing group III

**14.5 Environmental hazards**

Environmental hazards Classified as a Marine Pollutant.

**14.6 Special precautions for user**

Special precautions for user Not known.

**14.7 Maritime transport in bulk according to IMO instruments**

No information available

**SECTION 15: REGULATORY INFORMATION**

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

**National regulations**

Other Not known.

**15.2 Chemical Safety Assessment**

A REACH chemical safety assessment has not been carried out.

**\*SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements:

**LEGEND**

Revision 1.1	28/09/2023
Replaces:	Revision 1 of 13/12/2021
Section 1.3	Update supplier contact details
Section 14.1	Change to new UN number 1197
Section 14.2, 14.3	Change to new proper shipping name: EXTRACTS, LIQUID

Revision 1 13/12/2021  
Changes from the previous revision marked with an \*

**LAVENDER ESSENTIAL OIL**

Hazard Pictogram(s)



GHS02



GHS08



GHS07



GHS09

Hazard classification

Flam. Liq. 3 : Flammable liquid, Category 3  
 Asp. Tox. 1 : Aspiration hazard, Category 1  
 Skin Irrit. 2 : Skin corrosion/irritation, Category 2  
 Skin Sens. 1 : Skin sensitization, Category 1  
 Skin Sens. 1B : Skin sensitization, Category 1B  
 Eye Irrit. 2 : Serious eye damage/irritation, Category 2  
 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1  
 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1  
 Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2  
 Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

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.  
 H319: Causes serious eye irritation.  
 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.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P264: Wash hands and exposed skin thoroughly after handling.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P331: Do NOT induce vomiting.  
 P403+P235: Store in a well-ventilated place. Keep cool.

Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
 ATE : Acute Toxicity Estimate  
 CAS : Chemical Abstracts Service  
 CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
 DNEL : Derived No Effect Level  
 EC : European Community  
 EINECS : European Inventory of Existing Commercial Chemical Substances  
 IATA : International Air Transport Association  
 IBC : Intermediate Bulk Container  
 ICAO : International Civil Aviation Organization  
 IMDG : International Maritime Dangerous Goods  
 LTEL : Long term exposure limit  
 PBT : Persistent, Bioaccumulative and Toxic  
 PNEC : Predicted No Effect Concentration  
 REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID : Regulations concerning the International Carriage of Dangerous Goods by Rail  
 STEL : Short term exposure limit  
 STOT : Specific Target Organ Toxicity  
 UN : United Nations  
 vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS Regulation (EC) No. 1272/2008 (CLP)

**LAVENDER ESSENTIAL OIL**

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