



# Essential Oils, Skincare & Aromatherapy Products

## SAFETY DATA SHEET

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

PRODUCT NAME: Lavender Essential Oil

SUPPLIER: Celtic Tree Oils, Carlingford, Co. Louth, Ireland, A91 D86V

PRODUCT NUMBER: 26

INCI: Lavandula angustifolia Oil

CAS No.: 8000-28-0

EC No.: 289-995-2

IDENTIFIED USES: Multiple uses. Perfume products.

### **2: HAZARDS IDENTIFICATION**

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (1272/2008):

PHYSICAL HAZARDS:

Not Classified.

HEALTH HAZARDS:

Asp. Tox. 1

Skin Irrit. 2

Eye Irrit. 2

Skin Sens. 1

ENVIRONMENTAL HAZARDS:

Aquatic Chronic 2

### **LABEL ELEMENTS**

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H304 May be fatal if swallowed and enter airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

CONTAINS:

Caryophyllene, d-Limonene, bornan-2-one, Eucalyptol

SDS: 26 Lavender Essential Oil

Compiled by: Geoff Harris, Quality Control | Date:11/11/2019 - Version: 4

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

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#### **25-50% Linalyl acetate**

CAS NUMBER: 115-95-7

EINECS NUMBER: 204-116-4

CLASSIFICATION (1272/2008):

Skin Irrit. 2, H315

Eye Irrit. 2, H319

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#### **10-25% Linalool**

CAS NUMBER: 78-70-6

EINECS NUMBER: 201-134-4

CLASSIFICATION (1272/2008):

Skin Irrit. 2, H315

Eye Irrit. 2, H319

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#### **10-25% Caryophyllene**

CAS NUMBER: 87-44-5

EINECS NUMBER: 201-746-1

CLASSIFICATION (1272/2008):

Asp. Tox. 1, H304

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#### **2.5-10% d-limonene**

CAS NUMBER: 5989-27-5

EINECS NUMBER: 227-813-5

CLASSIFICATION (1272/2008):

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

Skin Irrit. 2, H315

Skin Sens. 1B, H317

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#### **2.5-10% bornan-2-one**

CAS NUMBER: 76-22-2

EINECS NUMBER: 207-355-2

CLASSIFICATION (1272/2008):

Flam. Sol. 2, H228

STOT SE 2, H371

Acute Tox. 4, H302

Acute Tox. 4, H332

Skin Sens. 1, H317

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#### **≤2.5 Eucalyptol**

CAS NUMBER: 470-82-6

EINECS NUMBER: 207-431-5

CLASSIFICATION (1272/2008):

Flam. Liq. 3, H226

Skin Sens. 1B, H317

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#### **≤2.5% Alpha pinene**

CAS NUMBER: 80-56-8

EINECS NUMBER: 201-291-9

CLASSIFICATION (1272/2008):

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

Skin Irrit. 2, H315

Skin Sens. 1, H317

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#### **≤2.5% p-cymene**

CAS NUMBER: 99-87-6

EINECS NUMBER: 202-796-7

CLASSIFICATION (1272/2008):

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Aquatic Chronic 2, H411

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**≤2.5% p-mentha-1, 3-diene**

CAS NUMBER: 99-86-5

CLASSIFICATION (1272/2008):

EINECS NUMBER: 202-795-1

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Aquatic Chronic 2, H411

Acute Tox. 4, H302

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**≤2.5% Beta pinene**

CAS NUMBER: 127-91-3

CLASSIFICATION (1272/2008):

EINECS NUMBER: 204-872-5

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

Skin Irrit. 2, H315

Skin Sens. 1B, H317

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**≤2.5% Terpinolene**

CAS NUMBER: 586-62-9

CLASSIFICATION (1272/2008):

EINECS NUMBER: 209-578-0

Asp. Tox. 1, H304

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

Skin Sens. 1B, H317

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**≤2.5% Camphene**

CAS NUMBER: 79-92-5

CLASSIFICATION (1272/2008):

EINECS NUMBER: 201-234-8

Flam. Sol. 2, H228

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

Eye Irrit. 2, H319

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**4: FIRST AID MEASURES**

INHALATION:

Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation. Supply fresh air.

INGESTION:

Inform doctor. Do not give milk or fatty oils.

SKIN CONTACT:

Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water. If skin irritation continues, consult a doctor.

EYE CONTACT:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

GENERAL INFORMATION:

Immediately remove any clothing soiled by the product.

NOTES FOR THE DOCTOR:

No further relevant information available.

**5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA RECOMMENDED:

Carbon dioxide (CO<sub>2</sub>), powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

UNSUITABLE EXTINGUISHING AGENTS:

Water with full jet.

SPECIAL HAZARDS ARISING FROM THE

Carbon monoxide (CO).

SUBSTANCE OR MIXTURE:

ADVICE FOR FIRE-FIGHTERS:

No special measures required.

SDS: 26 Lavender Essential Oil

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## **6: ACCIDENTAL RELEASE MEASURES**

### ENVIRONMENT PRECAUTIONS:

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.

### CLEANING UP METHODS FOR SPILLAGES:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

### REFERENCE TO OTHER SECTIONS

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## **7: HANDLING AND STORAGE**

### USAGE PRECAUTIONS:

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

### OCCUPATIONAL HYGIENE:

Store only in unopened original receptacles. Keep receptacle tightly sealed. Store in the dark.

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

### CONTROL PARAMETERS:

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#### **bornan-2-one (CAS:76-22-2)**

#### WEL

Short-term Value: 19 mg/m<sup>3</sup>, 3 ppm

Long-term Value: 13 mg/m<sup>3</sup>, 2 ppm

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### PROTECTIVE EQUIPMENT:



#### APPROPRIATE ENGINEERING CONTROLS:

Provide adequate ventilation.

#### EYE/FACE PROTECTION:

Tightly sealed goggles.

#### HAND PROTECTION:

Protective gloves. The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the

OTHER SKIN AND BODY PROTECTION:	application. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
HYGIENE MEASURES:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
RESPIRATORY PROTECTION:	Not required.
ENVIRONMENTAL EXPOSURE CONTROLS:	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## **9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Liquid.
COLOUR:	Clear to Pale Yellow
ODOUR:	Characteristic.
FLASH POINT °C:	74
SPECIFIC GRAVITY @ 20°C:	0.894 - 0.904
REFRACTIVE INDEX @ 20°C:	1.46 – 1.47
SELF-IGNITING:	Product is not self-igniting.
DANGER OF EXPLOSION	Product does not present an explosion hazard.
SOLUBILITY IN/MISCIBILITY WITH WATER:	Not miscible or difficult to mix.

## **10: STABILITY AND REACTIVITY**

REACTIVITY:	No further relevant information available.
DECOMPOSITION:	No decomposition if used according to specifications.
POSSIBILITY OF HAZARDOUS REACTIONS	No dangerous reactions known.
CONDITIONS TO AVOID	No further relevant information available
INCOMPATIBLE MATERIALS	No further relevant information available.
HAZARDOUS DECOMPOSITION PRODUCTS	No dangerous decomposition products known.

## **11: TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY	Based on available data, the classification criteria are not met.
EYE CONTACT:	Causes serious eye irritation.
SKIN CONTACT:	Causes skin irritation. May cause an allergic skin reaction.
GERM CELL MUTAGENICITY	Based on available data, the classification criteria are not met.
CARCINOGENICITY	Based on available data, the classification criteria are not met.
REPRODUCTIVE TOXICITY	Based on available data, the classification criteria are not met.
STOT-SINGLE EXPOSURE	Based on available data, the classification criteria are not met.
STOT-REPEATED EXPOSURE	Based on available data, the classification criteria are not met.
ASPIRATION HAZARD	May be fatal if swallowed and enters airways.

## **12: ECOLOGICAL INFORMATION**

ECOTOXICITY:	Toxic for fish. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.
PERSISTENCE AND DEGRADABILITY:	No further relevant information available.
BIOACCUMULATIVE POTENTIAL:	No further relevant information available.
MOBILITY IN SOIL:	No further relevant information available.
RESULTS OF PBT AND VPVB ASSESSMENT:	Not applicable.
PRECAUTIONS:	No further relevant information available.

## **13: DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS:	Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.
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## **14: TRANSPORT INFORMATION**

UN No. ROAD:	Void.
UN No. SEA:	Void.
UN No. AIR:	Void.
PROPER SHIPPING NAME:	Void.
TRANSPORT HAZARD CLASS(es):	Void.
PACKING GROUP:	Void.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT:	Yes.
SPECIAL PRECAUTIONS FOR USER	Not applicable.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Not applicable.

## **15: REGULATORY INFORMATION**

DIRECTIVE 2012/18/EU	
NAMED DANGEROUS SUBSTANCES	ANNEX I – None of the ingredients is listed.
SEVESO CATEGORY	E2 – Hazardous to the Aquatic Environment.
QUALIFYING QUANTITY (TONNES) FOR THE APPLICATION OF LOWER-TIER REQUIREMENTS	200 t
QUALIFYING QUANTITY (TONNES) FOR THE APPLICATION OF UPPER-TIER REQUIREMENTS	500 t
REGULATION (EC) NO. 1907/2006 ANNEX XVII	Conditions of restriction: 3

## **16: OTHER INFORMATION**

### HAZARD PHRASES

**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.  
**H317** May cause an allergic skin reaction.  
**H319** Causes serious eye irritation.  
**H332** Harmful if inhaled.  
**H371** May cause damage to organs.  
**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.

### ABBREVIATIONS AND ACRONYMS:

**RID** Regulations Concerning the International Transport of Dangerous Goods by Rail.  
**IATA-DGR** Dangerous Goods Regulations by the "International Air Transport Association" (IATA).  
**ICAO** International Civil Aviation Organisation.  
**ICAO-TI** Technical Instructions by the "International Civil Aviation Organisation" (ICAO).  
**ADR** European Agreement concerning the International Carriage of Dangerous Goods by Road.  
**IMDG** International Maritime Code for Dangerous Goods.  
**IATA** International Air Transport Association.  
**GHS** Globally Harmonised System of Classification and Labelling of Chemicals.  
**EINECS** European Inventory of Existing Commercial Chemical Substances.  
**ELINCS** European List of Notified Chemical Substances.  
**CAS** Chemical Abstracts Service (Division of the American Chemical Society).  
**PBT** Persistent, Bioaccumulative and Toxic.  
**vPvB** Very Persistent and very Bioaccumulative.  
**Flam. Liq. 3** Flammable liquids – Hazard Category 3.  
**Flam. Sol. 1** Flammable solids – Hazard Category 1.  
**Flam. Sol. 2** Flammable solids – Hazard Category 2.  
**Acute Tox. 4** Acute toxicity – Hazard Category 4.  
**Skin Irrit. 2** Skin corrosion/irritation – Hazard Category 2.  
**Eye Irrit. 2** Serious eye damage/eye irritation – Hazard Category 2.  
**Skin Sens. 1** Skin sensitisation – Hazard Category 1.  
**Skin Sens. 1B** Skin sensitisation – Hazard Category 1B.  
**STOT SE 2** Specific target organ toxicity (single exposure) – Hazard Category 2.  
**Asp. Tox. 1** Aspiration hazard – Hazard Category 1.

**Aquatic Acute 1** Hazardous to the aquatic environment – Acute Hazard – Category 1.

**Aquatic Chronic 1** Hazardous to the aquatic environment – Chronic Hazard – Category 1.

**Aquatic Chronic 2** Hazardous to the aquatic environment – Chronic Hazard – Category 2.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.