

### SECTION 1: Identification of the substance/mixture and of the company/undertaking 1.1 Product identifiers

Productname : Organic Thyme (Thymus Vulgaris)  
Essential Oil

ProductNumber : 38853/03.2018

Brand : Lule Bore

REACH No. : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses : Cosmetics chemicals, Manufacture of substances

### 1.3 Details of the supplier of the safety data sheet

Company : LULE BORE/Jorgji Fullani  
Petrele, TIRANA , Albania  
Tel. +355 68 33 93 968

E-mail address : E-mail address : [georgefullani@gmail.com](mailto:georgefullani@gmail.com)

### 1.4 Emergency telephonenumber

Emergency Phone # +355 68 33 93 968

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

*Danger!* According to the classification provided by companies to ECHA in **CLP notifications** this substance may be fatal if swallowed and enters airways, causes severe skin burns and eye damage, is toxic to aquatic life with long lasting effects, is a flammable liquid and vapour, is harmful if swallowed, causes serious eye damage and may cause an allergic skin reaction.



For the full text of the H-Statements mentioned in this Section, see Section 16.

### 2.2 Label elements

#### Labelling according Regulation (EC) No 1272/2008

Signal word Danger

Hazard statement(s)

**H226** Flammable liquid and vapour  
**H302** Harmful if swallowed  
**H304** May be fatal if swallowed and enters airways  
**H314** Causes severe skin burns and eye damage.

**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.  
**P243** Take action to prevent static discharges.  
**P280** Wear protective gloves /face protection.  
**P301 + P310** IF SWALLOWED: Immediately call a POISON CENTER.  
**P302 + P352** IF ON SKIN: Wash with plenty of water.  
**P331** Do NOT induce vomiting.  
**P333 + P313** If skin irritation or rash occurs: Get medical advice/attention.  
**P403 + P235** Store in a well-ventilated place. Keep cool.  
**P405** Store locked up.  
**P501** Dispose of contents/container according national regulations.

Supplemental Hazard Statements none

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Thyme, *Thymus vulgaris*, ext. EC / List no.: 284-535-7 CAS no.: 8007-46-3, 84929-51-1

**Hazardous ingredients according to Regulation (EC) No 1272/2008**

| Component                                       | Cas No.   | Classification  | Concentration %w/w |
|---|-----------|---|--------------------|
| (1R,5R)-2,6,6-trimethylbicyclo[3.1.1]hept-2-ene | 7785-70-8 | H226 Flam. Liq. 3 / H317 Skin Sens. 1H315 Skin Irrit. 2 / H401 AquaticChronic 1                 | <= 2.74            |
| Camphor   | 76-22-2   | H228 Flam.Sol.2 / H302 Acute Tox.4 / H332 Acute Tox.4 / H371 STOT SE 2 / H411 Aquatic Chronic 2 | <=1.06             |
| 7-methyl-3-methyleneocta-1,6-diene              | 123-35-3  | H226 Flam. Liq. 3 / H304 Asp. Tox. 1 / H317 Skin Irrit. 2 / H319 EyeIrrit. 2                    | <=1.51             |
| p-cymene  | 99-87-6   | H226 Flam. Liq. 3 / H304 Asp. Tox. 1 / H317 Skin Irrit. 2 / H319 EyeIrrit. 2                    | <=24.94            |
| Eucalyptol                                      | 470-82-6  | H226 Flam. Liq. 3 / H317 Skin Sens. 1   | <=1.23             |
| Gamma Terpinene                                 | 99-85-4   | H226 Flam. Liq. 3 / H304 Asp. Tox. 1  | <=9.80             |
| Linalool  | 78-70-6   | H317 SkinSens. 1B   | <=2.67             |
| alpha-Thujone                                   | 546-80-5  | H302 Acute Tox.4  | <1.15              |
| Camphor   | 76-22-2   | H228 Flam.Sol.2 / H302 Acute Tox.4 / H332 Acute Tox.4 / H371 STOT SE 2 / H411 Aquatic Chronic 2 | <=1.15             |
| Borneol   | 507-70-0  | H228 Flam. Sol. 2   | <1.32              |
| Thymol  | 89-83-8   | H302 Acute Tox. 4 / H314 Skin Cor.1B / H411 Aquatic Chronic 2                                   | <=27.03            |
| 2-Methyl-5-(propan-2-yl)phenol                  | 499-75-2  | H302 Acute Tox. 4 / H314 Skin Cor.1B / H318 Eye Dam. 1 / H411 Aquatic Chronic 2                 | <=3.33             |
| Caryophyllene                                   | 87-44-5   | H304 Asp. Tox. 1 / H317 Skin Sens. 1/H413 Aquatic Chronic 4                                     | <=2.65             |

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

### **In case of skin contact**

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

### **In case of eye contact**

Flush eyes with water as a precaution.

### **If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

#### **4.3 Indication of any immediate medical attention and special treatment needed** No data available

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### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

##### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

No data available

#### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **5.4 Further information**

Use water spray to cool unopened containers.

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### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

#### **6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

#### **6.3 Methods and materials for containment and cleaning up**

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

#### **6.4 Reference to other sections**

For disposal see section 13.

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### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature 2 - 8 °C

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Components with workplace control parameters**

### 8.2 Exposure controls

#### Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

#### Personal protective equipment

##### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Body Protection

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

##### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |                   |                                    |
|-------------------|------------------------------------|
| a) Appearance     | Form: liquid<br>Colour: colourless |
| b) Odour          | Sweet Herbaceous                   |
| c) OdourThreshold | Nodataavailable                    |
| d) pH             | Nodataavailable                    |

- e) Meltingpoint/freezing point      Meltingpoint/range: -98,0 °C
- f) **Initial boiling point and Boiling range**      65,0 °C at 1.013 hPa
- h) Evaporationrate      Nodataavailable
- i) Flammability (solid, gas)      Nodataavailable
- n) Watersolubility      completelymiscible
- o) Partitioncoefficient: n-octanol/water      logPow: -0,77
- p) Auto-ignition temperature      455,0 °C at 1.013 hPa
- q) Decomposition temperature      Nodataavailable
- r) Viscosity      Nodataavailable
- s) Explosiveproperties      Notexplosive
- t) Oxidizingproperties      The substance or mixture is not classified as oxidizing.

### 9.2 Othersafetyinformation

- Minimumignitionenergy      0,14 mJ
- Conductivity      < 1 µS/cm
- Relativevapourdensity      1,11

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## SECTION 10: Stabilityandreactivity

### 10.1 Reactivity

Nodataavailable

### 10.2 Chemicalstability

Stable under recommended storage conditions.  
Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Heat, flames and sparks.  
Heat, flames and sparks.

### 10.5 Incompatible materials

Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

### 10.6 Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides  
Other decomposition products - No data available  
In the event of fire: see section 5

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Skin corrosion/irritation

No data available

#### Serious eye damage/eye irritation

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: Not available

Methyl alcohol may be fatal or cause blindness if swallowed.

Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures.

Symptoms may be delayed., Damage of the:, Liver, Kidney

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**SECTION 12: Ecological information****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

No data available

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.



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### SECTION 14: Transport information

|  |                            |                   |  |
|--|----------------------------|-------------------|--|
| <b>14.1 UN number</b>  |                            |                   |  |
| ADR/RID: 1993 / 3082   | IMDG: 1993 / 3082          | IATA: 1993 / 3082 |  |
| <b>14.2 UN proper shipping name</b>  |                            |                   |  |
| ADR/RID: Flammable Liquids, nos /Environmentally hazardous substance, liquid, n.o.s. |                            |                   |  |
| IMDG: Flammable Liquids, nos /Environmentally hazardous substance, liquid, n.o.s.    |                            |                   |  |
| IATA: Flammable Liquids, nos /Environmentally hazardous substance, liquid, n.o.s.    |                            |                   |  |
| <b>14.3 Transport hazard class(es)</b>   |                            |                   |  |
| ADR/RID: 3 / 9   | IMDG: 3 / 9                | IATA: 3 / 9       |  |
| <b>14.4 Packaging group</b>  |                            |                   |  |
| ADR/RID: III   | IMDG: III                  | IATA: III         |  |
| <b>14.5 Environmental hazards</b>  |                            |                   |  |
| ADR/RID: yes   | IMDG Marine pollutant: yes | IATA: yes         |  |

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### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
- 15.2 Chemical safety assessment**  
For this product a chemical safety assessment was not carried out

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### SECTION 16: Other information

**Full text of H-Statements referred to under sections 2 and 3.**

**H226** Flammable liquid and vapour  
**H228** Flammable solid  
**H302** Harmful if swallowed  
**H304** May be fatal if swallowed and enters airways  
**H314** Causes severe skin burns and eye damage.  
**H315** Causes skin irritation  
**H317** May cause an allergic skin reaction  
**H319** Causes serious eye irritation  
**H332** Harmful if inhaled  
**H411** Toxic to aquatic life with long lasting effects  
**H413** May cause long lasting harmful effects to aquatic life

#### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lule Bore shall not be held liable for any damage resulting from handling or from contact with the above product.