

# Lemon Myrtle Oil

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 09/19/2018

### SECTION 1: Identification

#### 1.1. Identification

|                |                                |
|----------------|--------------------------------|
| Product form   | : Substance                    |
| Substance name | : Lemon Myrtle Oil             |
| CAS-No.        | : 84775-80-4                   |
| Product code   | : 054                          |
| Synonyms       | : <i>Backhousia citriodora</i> |

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Appalachian Valley Natural Products  
260 Maple St PO Box 515  
Friendsville MD 21531  
(301)746-4630  
GOAVNP.COM

#### 1.4. Emergency telephone number

Emergency number : ChemTel: 1-800-255-3924 (Domestic) 1-813-248-0585 (International)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

|   |      |  |
|---|------|--|
| Flammable liquids<br>Category 4                                   | H227 | Combustible liquid                           |
| Skin corrosion/irritation<br>Category 2                           | H315 | Causes skin irritation                       |
| Serious eye damage/eye<br>irritation Category 2B                  | H320 | Causes eye irritation                        |
| Specific target organ<br>toxicity (single exposure)<br>Category 3 | H335 | May cause respiratory irritation             |
| Aspiration hazard Category<br>1                                   | H304 | May be fatal if swallowed and enters airways |

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labeling

|                                   |   |  |
|-----------------------------------|---|--|
| Hazard pictograms (GHS-US)        | : |  |
| Signal word (GHS-US)              | : | Danger   |
| Hazard statements (GHS-US)        | : | H227 - Combustible liquid<br>H304 - May be fatal if swallowed and enters airways<br>H315 - Causes skin irritation<br>H320 - Causes eye irritation<br>H335 - May cause respiratory irritation   |
| Precautionary statements (GHS-US) | : | P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.<br>P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.<br>P264 - Wash hands, forearms and face thoroughly after handling.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.<br>P301+P310 - If swallowed: Immediately call a poison center or doctor<br>P302+P352 - If on skin: Wash with plenty of water<br>P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing<br>P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing<br>P312 - Call a poison center or doctor if you feel unwell |

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P321 - Specific treatment (see supplemental first aid instruction on this label)  
P331 - Do NOT induce vomiting.  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

| Name                                   | Product identifier   | %   | GHS-US classification  |
|--|----------------------|-----|--|
| Lemon Myrtle Oil<br>(Main constituent) | (CAS-No.) 84775-80-4 | 100 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2B, H320<br>STOT SE 3, H335<br>Asp. Tox. 1, H304 |

Full text of hazard classes and H-statements : see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.  
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Do NOT induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation : May cause respiratory irritation.  
Symptoms/effects after skin contact : Irritation.  
Symptoms/effects after eye contact : mild eye irritation.  
Symptoms/effects after ingestion : Risk of lung edema.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid.  
Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. NO open flames, NO sparks, and NO smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8 : "Exposure-controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Mobile Liquid

Color : Semi-Opaque, Colorless to Yellow

Odor : Sweet, Lemon, Floral, Fresh

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|   |                     |
|---|---------------------|
| Odor threshold                              | : No data available |
| pH  | : No data available |
| Melting point                               | : Not applicable    |
| Freezing point                              | : No data available |
| Boiling point                               | : No data available |
| Flash point                                 | : ≈ 65 °C           |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas)                   | : Not applicable.   |
| Vapor pressure                              | : No data available |
| Relative vapor density at 20 °C             | : No data available |
| Relative density                            | : No data available |
| Solubility                                  | : No data available |
| Log Pow                                     | : No data available |
| Auto-ignition temperature                   | : No data available |
| Decomposition temperature                   | : No data available |
| Viscosity, kinematic                        | : No data available |
| Viscosity, dynamic                          | : No data available |
| Explosion limits                            | : No data available |
| Explosive properties                        | : No data available |
| Oxidizing properties                        | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|  |   |
|--|---|
| Acute toxicity                                     | : Not classified                                |
| Skin corrosion/irritation                          | : Causes skin irritation.                       |
| Serious eye damage/irritation                      | : Causes eye irritation.                        |
| Respiratory or skin sensitization                  | : Not classified                                |
| Germ cell mutagenicity                             | : Not classified                                |
| Carcinogenicity                                    | : Not classified                                |
| Reproductive toxicity                              | : Not classified                                |
| Specific target organ toxicity – single exposure   | : May cause respiratory irritation.             |
| Specific target organ toxicity – repeated exposure | : Not classified                                |
| Aspiration hazard                                  | : May be fatal if swallowed and enters airways. |

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|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Symptoms/effects after inhalation   | : May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Irritation.                       |
| Symptoms/effects after eye contact  | : mild eye irritation.              |
| Symptoms/effects after ingestion    | : Risk of lung edema.               |

### SECTION 12: Ecological information

#### 12.1. Toxicity

|                   |   |
|-------------------|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
|-------------------|---|

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

|                         |   |
|-------------------------|---|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
|-------------------------|---|

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

|  |   |
|--|---|
| Transport document description                                   | : NA1993 Combustible liquid, n.o.s., 3, III   |
| UN-No.(DOT)  | : NA1993  |
| Proper Shipping Name (DOT)                                       | : Combustible liquid, n.o.s.  |
| Class (DOT)  | : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120   |
| Packing group (DOT)  | : III - Minor Danger  |
| DOT Packaging Non Bulk (49 CFR 173.xxx)                          | : 203   |
| DOT Packaging Bulk (49 CFR 173.xxx)                              | : 241   |
| DOT Symbols  | : D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name  |
| DOT Special Provisions (49 CFR 172.102)                          | : IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).<br>T1 - 1.5 178.274(d)(2) Normal..... 178.275(d)(2)<br>T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)<br>TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. |
| DOT Packaging Exceptions (49 CFR 173.xxx)                        | : 150   |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 60 L  |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)     | : 220 L   |
| DOT Vessel Stowage Location                                      | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.   |
| Emergency Response Guide (ERG) Number                            | : 128   |
| Other information  | : No supplementary information available.   |

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### Transportation of Dangerous Goods

Not applicable

### Transport by sea

Not regulated

### Air transport

Not regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Lemon Myrtle Oil (84775-80-4)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

#### Lemon Myrtle Oil (84775-80-4)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Full text of H-phrases:

|      |  |
|------|--|
| H227 | Combustible liquid                           |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation                       |
| H320 | Causes eye irritation                        |
| H335 | May cause respiratory irritation             |

SDS US (GHS HazCom 2012)

#### Company Disclaimer:

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. Appalachian Valley Natural Products shall not be held liable for any damage resulting from handling or from contact with the above product.