

# Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03

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## 1. Identification

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### *Product identifier*

**Trade Name:** Lemon Balm Essential Oil  
**Product Description:** Natural extraction of lemon balm essential oil  
**CAS Number:** 8014-71-9  
**INCI:** Melissa officinalis flower/leaf/stem oil.  
**Restrictions on Use:** Do not ingest or pour directly into the eyes  
**IFRA:** Not restricted  
**Status:** Natural  
**Country of origin:** Romania

### *Manufacturer*

PANAIT INTL SRL  
15 Janos Hunyadi Street  
Dumbravita 307160, ROMANIA  
Phone: +40726785288  
office@wildcarpathiaorganics.com  
Web: wildcarpathiaorganics.com

## 2. Hazard(s) Identification

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### *Classification of the substance or mixture*

Not classed as a hazardous substance.

### *Classification (EC 1223/2009)*

The product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1223/2009 and further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills constitute a slippage hazard.

### *Label Elements*

**Label:** In accordance with EC 1223/2009  
**Signal Word:** None  
**Contains:** Contains no hazardous substances  
**Hazard Elements:** None  
**Precautionary Statements:** None  
**Supplementary Precautionary Statements:** None

### *Other Hazards*

**Adverse physio-chemical properties:** None  
**Adverse effects on human health:** None

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### 3. Composition/Information on Ingredients

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#### *Substances*

**INCI:** Melissa officinalis flower/leaf/stem oil. Not classed as hazardous substances.

**CAS Number:** 8014-71-9

### 4. First Aid Measures

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#### *Description of first aid measures*

**Inhalation:** Remove affected person to fresh air. Seek medical attention if any discomfort continues

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Seek medical attention if discomfort occurs

**Skin Contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.

**Eye Contact:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if irritation continues.

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

No additional data available.

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

None.

### 5. Fire-Fighting Measures

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#### *Extinguishing Media*

**Extinguishing media:** Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder. Foam.

**Unsuitable extinguishing media:** Do not use direct water jet on burning material.

#### *Special hazards arising from the product*

No specific hazards noted.

#### *Advice for firefighters*

Wear protective clothing and self-contained breathing apparatus to avoid inhalation of vapors. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

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### 6. Accidental Release Measures

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

Maintain good occupational and personal hygiene. Avoid inhalation of product vapor and contact with skin and eyes.

#### *Environmental Precautions*

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines

#### *Methods and material for containment and cleaning up*

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines.

#### *Reference to other sections*

None.

### 7. Handling and Storage

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#### *Precautions for safe handling*

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Keep containers sealed when not in use. Prevent spills and leaks to avoid slip hazard. Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

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

Intrusion into soil to be avoided. Keep containers out of direct sunlight in cool dry conditions at a temperature not exceeding 25°C. Keep in the original containers. Limit oxygenation (contact with air).

#### *Specific end use(s)*

No additional data available.

### 8. Exposure Control / Personal Protection

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#### *Control parameters*

None.

#### *Exposure controls*

**Protective Equipment:** No special protective measures required.

**Process Conditions:** No special measures required.

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**Engineering Measures:** No special measures required.

**Respiratory Equipment:** Ensure area is well ventilated.

**Hand Protection:** No special measures required.

**Eye Protection:** The use of safety glasses is recommended. Eye wash station should be available at all times.

**Other Protection:** No special measures required.

**Hygiene Measures:** Good personal hygiene practices are always advisable, especially when working with chemicals/oils.

**Personal Protection:** No special measures required.

**Skin Protection:** No special measures required.

**Environmental Exposure Controls:** Avoid discharging into drainage water.

## 9. Physical and Chemical Properties

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

**Appearance:** Clear liquid

**Color:** Yellow

**Odor:** fresh, citrus-like, herbal

**Relative Density:** No additional data available.

**Flash Point (°C):** 73

**Refractive Index:** No additional data available.

**Melting Point (°C):** No additional data available.

**Boiling Point (°C):** No additional data available.

**Vapor Pressure:** No additional data available.

**Solubility in Water @20°C:** Insoluble in water. Soluble in common organic solvents.

**Auto-ignition temperature (°C):** No additional data available.

### *Other information*

No additional data available.

## 10. Stability and Reactivity

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### *Reactivity*

No significant reactivity hazard under proper handling. It presents no significant reactivity hazards, by itself or in contact with water.

### *Chemical stability*

Chemically stable under the recommended handling and storage conditions.

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### *Possible hazardous reactions*

None known.

### *Conditions to Avoid*

No additional data available.

### *Incompatible materials*

Avoid contact with strong acids, alkalis and oxidizing agents.

### *Hazardous Decomposition Products*

Product does not decompose at proper handling.

## 11. Toxicological Information

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### *Information on toxicological effects*

**Acute Toxicity:** Nontoxic product.**Skin corrosion / irritation:** Not a skin irritant.**Serious eye damage / irritation:** No additional data available.**Respiratory or skin sensitization:** Not a skin sensitizer.**Germ Cell Mutagenicity:** Not a mutagen.**Carcinogenicity:** No additional data available.**Reproductive toxicity:** Not a reprotoxicant.**STOT-single exposure:** No additional data available.**STOT-repeated exposure:** No additional data available.**Aspiration hazard:** Does not present an aspiration hazard.**Photo-toxicity:** Nontoxic product.**Other Information:** No additional data available.

## 12. Ecological Information

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### *Toxicity*

Not considered eco-toxic.

### *Persistence & degradability*

No additional data available.

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### *Bioaccumulation Potential*

Potential for bio-concentration in aquatic organism is low.

### *Mobility in soil*

No additional data available.

### *Results of PBT and vPvB Assessment*

No additional data available.

### *Other adverse effects*

Do not allow product to enter streams, sewers or other waterways.

## 13. Disposal Considerations

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### *Waste treatment methods*

Collect and dispose of waste product at an authorized disposal facility. Product remainders should not intrude soil or waters.

## 14. Transport Information

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### *UN number*

**UN No. Road:** Not bound by transport regulations.

**UN No. Sea:** Not bound by transport regulations.

**UN No. Air:** Not bound by transport regulations.

### *UN proper shipping name*

Not bound by transport regulations.

### *Transport hazard class(es)*

Not bound by transport regulations.

### *Packing group*

None.

### *Environmental hazards*

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No additional data available.

### *Special precautions for user*

See sections 6 - 8.

### *Transport in bulk according to Annex II of MARPOL73/78 and the IBC code*

Not defined.

## 15. Regulatory Information

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

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**Regulation (EC) No 1223/2009** of the European Parliament and of the Council of 30 November 2009 on cosmetic products, including further amendments.

### *Chemical safety assessment*

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

## 16. Other Information

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### *Hazard and/or Precautionary Statements in Full*

None.

### *Other Information*

Complies with REACH guidance for SDS as circulated by ECHA 2011.