

## Material safety data sheet

According to EU Regulation 1907/2006 in the current version

### PURE WINTERGREEN ESSENTIAL OIL

#### 1. Identification of the substance/mixture and company

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Trade name: Wintergreen essential oil  
Natural product obtained by steam distillation of the fresh leaves.  
I.N.C.I. Gaultheria Procumbens leaf oil  
CAS No. : 90045-28-6  
EINECS No. : 289-888-0  
REACH pre-registration No. : 01-2119515671-44  
Utilization: Raw material for cosmetic or professional use  
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, www.elemental.eu  
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de  
Sănătate Publică București.  
International emergency number: +49 180 2273-112

#### 2. Hazards Identification

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

Classification according to EC Reg. 1272/2008 (Norm. GHS-CLP)  
Acute toxicity (oral), Category 4

The full text of the risk phrases and precautionary phrases cited below is shown in point 16 of this sheet.

Hazards: H302  
Precautions: none  
Special instructions: none

Adverse physicochemical, human health and environmental effects  
- Harmful if swallowed.

##### 2.2 Label elements

Hazard pictograms:



Hazard statement:  
H302 – Harmful if swallowed.

Precautionary statement: None  
Special instructions: none

##### 2.3 Other hazards

No additional information available.

#### 3. Declaration of ingredients

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The product contains the following compounds:

Substance	C.A.S.	EINECS	Hazard symbols	Percent %
Methyl salicylate	119-36-8	204-317-7	H631, H302	≥ 85%

#### 4. First aid measures

##### 4.1 Description of first aid measures

In case of contact with skin: Wash skin with plenty of water.  
In case of contact with eyes: Rinse eyes with water as a precaution.  
In case of inhalation: Remove person to fresh air and keep comfortable for breathing.  
In case of ingestion: Rinse mouth. Call a poison center or a doctor if you feel unwell.

##### 4.2 Main symptoms and effects, both acute and delayed

No additional information available.

##### 4.3 Indication to consult a physician immediately or any special treatments

Treat symptomatically.

#### 5. Fire fighting measures

##### 5.1 Means of extinction

Suitable extinguishing media: Dry powder, foam, carbon dioxide, water spray.  
Unsuitable extinguishing media: Do not use water jet.

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

Hazardous decomposition products in case of fire: Toxic fumes may be released

##### 5.3 Recommendations for fire-fighters

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

#### 6. Accidental release measures

##### 6.1 Personal precautions, protective devices and emergency procedures

For non-emergency personnel

- Emergency procedures: Ventilate spillage area.

For emergency responders

- Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8.

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#### 6.2 Environmental precautions

Avoid release to the environment.

#### 6.3 Methods and materials for containment and remediation

Methods for cleaning up: Take up liquid spill into absorbent material.

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

#### 6.4 Reference to other sections

For further information refer to section 13.

### 7. Handling and storage

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#### 7.1 Precautions for safe handling

Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: 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

Store in a well-ventilated place. Keep cool.

#### 7.3 Specific end uses

No additional information available.

### 8. Exposure controls / personal protection

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#### 8.1 Control parameters

No additional information available.

#### 8.2 Exposure controls



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

Hand protection: Wear protective gloves.

Skin protection: Wear suitable protective clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Eye protection: Wear safety glasses.

### 9. Physical and chemical properties

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#### 9.1 Information on physical and chemical properties

Physical state: liquid  
Appearance: liquid at room temperature  
Color: colorless, pale yellow, pinkish  
Odor: phenolic, delicate  
Odor threshold: No data available  
pH: No data available  
Relative evaporation rate (butylacetate=1): No data available  
Melting point: Not applicable  
Freezing point: No data available  
Boiling point: No data available  
Flash point: 96 °C  
Auto-ignition temperature: No data available  
Decomposition temperature: No data available  
Flammability (solid, gas): Not applicable  
Vapor pressure: No data available  
Relative vapor density at 20 °C: No data available  
Relative density: 1.16 - 1.195  
Solubility: No data available  
Log Pow: No data available  
Viscosity, kinematic: No data available  
Viscosity, dynamic: No data available  
Explosive properties: No data available  
Oxidizing properties: No data available  
Explosive limits: No data available

#### 9.2 Other information

None

### 10. Stability and reactivity

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#### 10.1 Responsiveness

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 dangerous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5 Incompatible materials

No additional information available.

#### 10.6 Hazardous decomposition products

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

#### 11. Toxicological information

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##### 11.1 Information on toxicological effects

Acute toxicity (oral): Harmful if swallowed.

Acute toxicity (dermal): Not classified

Acute toxicity (inhalation): Not classified

Wintergreen essential oil

LD50 oral rat  $\approx$  887 mg/kg

LD50 dermal rabbit > 5000 mg/kg

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

#### 12. Ecological information

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##### 12.1 Toxicity

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

Acute aquatic toxicity: Not classified

Chronic aquatic toxicity: Not classified

##### 12.2 Persistence and degradability

No additional information available.

##### 12.3 Bioaccumulation potential

No additional information available.

##### 12.4 Ground mobility

No additional information available.

##### 12.5 Results of PBT and vPvB assessment

No additional information available.

##### 12.6 Other adverse effects

No additional information available.

#### 13. Disposal considerations

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#### 13.1 Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions.

#### 14. Transport information

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##### 14.1 UN number

ADR: Not regulated

IMDG: Not regulated

IATA: Not regulated

Customs Code: 3301294100

##### 14.2 UN shipping name

ADR: Not regulated

IMDG: Not regulated

IATA: Not regulated

##### 14.3 Class of danger for transport

ADR: Not regulated

IMDG: Not regulated

IATA: Not regulated

##### 14.4 Packing group

ADR: Not regulated

IMDG: Not regulated

IATA: Not regulated

##### 14.5 Environmental hazards

Not regulated

##### 14.6 Special precautions for users

Not regulated

##### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

#### 15. Regulatory information

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##### 15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

###### EU-Regulations

Wintergreen essential oil is not on the REACH Candidate List.

Wintergreen essential oil is not on the REACH Annex XIV List.

Wintergreen essential oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Wintergreen essential oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

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15.2 Chemical safety assessment.

No chemical safety assessment has been carried out.

## 16. Additional information

### 16.1 Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

### 16.2 Full text of the H phrases mentioned in point 3:

H302 - Harmful if swallowed.

H361 - Suspected of damaging fertility or the unborn child.

## DECLARATION OF ALLERGENS

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

I.N.C.I.	C.A.S.	%
Alpha-Hexyl cinnamic aldehyde (HCA)	101-86-0	-
Amyl cinnamic alcohol	101-85-9	-
Amyl cinnamic aldehyde (ACA)	122-40-7	-
Anisyl alcohol	105-13-5	-
Benzyl salicylate	118-58-1	-
Benzyl benzoate	120-51-4	-

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Benzyl cinnamate	103-41-3	-
Benzyl alcohol	100-51-6	≤ 0.0500
Cinnamic alcohol	104-54-1	-
Cinnamic aldehyde	104-55-2	-
Citral	5392-40-5	-
Citronellol	106-22-9	-
Coumarin (2p-1-benzopyran-2-one)	91-64-5	-
d-Limonene	5989-27-5	≤ 0.0500
Eugenol	97-53-0	≤ 0.0500
Farnesol	4602-84-0	-
Geraniol	106-24-1	≤ 0.1000
Lylal (Hydroxymethylpentyl cyclohexene carbaldoxaldehyde)	31906-04-4	-
Hydroxycitronellal	107-75-5	-
Isoeugenol	97-54-1	-
alpha-Iso-methyl ionone	127-51-5	-
Linalool	78-70-6	-
Methyl heptine carbonate	12/06/11	-
Oakmoss absolute	9000-50-4	-
p-tert-Butyl-alpha- methylhydrocinnamic aldehyde	80-54-6	-
Tree moss	68648-41-9	-

#### Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.