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**Document preluat de la furnizor*

Safety Data Sheet **Organic Wintergreen Essential Oil (*Gaultheria procumbens*)**

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**according to 1907/2006/EC, Article 31, amended by
Regulation (EU) No. 453/2010**

Printing date 28.08.2014

Revision no. 2

Revision: 28.08.2014

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

- **1.1 Product identifier**
- **Trade name:** Wintergreen Oil Organic
- **EC number:**
296-004-7
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Flavour/Fragrance
-

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MULTI LINGUAL EMERGENCY NUMBER(Carechem 24*7)

EUROPE : + 33 (0) 1 44 73 10 02 "

For China: + 86 1051003039

For India: +65 31581198

For advice on chemical emergencies, spillages, fires or First Aid

National emergency telephone number :

Czech Republic: Toxikologické informační středisko (TIS), Klinika nemocí z povolání, Na Bojišti 1, 128 08 Praha 2, Tel – nonstop: + 420 224 919 293, + 420 224 915 402

France : Orfila 01.45.42.59.59

Netherlands: National vergiftigen info centrum: 030-2748888 (uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigen.)

Denmark Giftlinien +45 82 12 12 12

Sverige +46 08-33 12 31

Norge Giftcentralen +47 22 59 13 00

Schweizerisches Toxikologisches Informationszentrum Telefon +41 145

Finland: Myrkytystietokeskus, puh. 09-471977 tai 09-4711/Myrkytystietokeskus

Vergiftungsinformationszentrale Wien Telefon +43 1 4064343

Romania: BIROUL PT REGULAMENTUL SANITAR INTERNATIONAL SI INFORMARE

TOXICOLOGICA: +4021 318 36 06

Serbia - Nacionalni centar za kontrolu trovanja: + 381 11 266 11 22

Turkey - Acil Sağlık Hizmetleri Genel Müdürlüğü: 114

Hungary - Health Toxicological Information Service, H-1096 Budapest, Nagyvárad tér 2: +36 80 20 11 99 (free of charge within Hungary)

Croatia - Broj telefona službe za izvanredna stanja: 112

Greece - ΤΗΛ. ΚΕΝΤΡΟΥ ΔΗΛΗΤΗΡΙΑΣΕΩΝ : 210-77.93.777

SLOVAKIA Núdzové telefónne číslo: Národné toxikologické informačné centrum, tel: 02/ 5477 4166

Russia - Toxicological Information Centre: 8 (495) 621-68-85; 8 (495) 621-68-85

BULGARIA - Национален токсикологичен информационен център, Многопрофилна болница а за активно лечение и спешна медицина "Н.И.Пирогов" Телефон за спешни случаи / факс: +359 2 9154 409, E-mail: poison_centre@mail.orbitel.bg

UKRAINE - National Toxicology Center, Clinical Emergency Hospital (toxicology department), 3 Bratislavskaya str., Kyiv, Ukraine. Tel./ Fax: +38 044 527-69-81

SECTION 2: Hazards identification

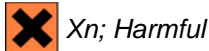
- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R22: Harmful if swallowed.

- Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system:

The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

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- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labelling:**
Gaultheria fragrantissima punctata, ext.
- **Hazard statements**
H302 Harmful if swallowed.
- **Precautionary statements**
 - P264 Wash thoroughly after handling.
 - P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 - P330 Rinse mouth.
 - P405 Store locked up.
 - P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterization: Substances**
- **CAS No. Description**
92201-74-6
- **Identification number(s)**
- **EC number:** 296-004-7

- **Dangerous components:**

CAS: 92201-74-6	Gaultheria fragrantissima punctata, ext.
EINECS: 296-004-7	Xn R22
	Acute Tox. 4, H302

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:**
Seek medical treatment in case of complaints.
Show the package or the label to your doctor
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Remove contaminated clothing.
Flush with plenty of water.
If skin irritation continues, consult a doctor.

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- **After eye contact:**
 Remove contact lenses.
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
 Do not induce vomiting.
 If vomiting occurs, keep head lower than hips to prevent aspiration.
 Rinse mouth thoroughly.
 Never make an unconscious person vomit or drink fluids.
 Seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed**
 No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
 No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
 Carbon dioxide
 Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:**
 Water with full jet
 The material will float on water.
- **5.2 Special hazards arising from the substance or mixture**
 Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**
 Wear self-contained respiratory protective device.
 Wear fully protective suit.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 Wear protective equipment. Keep unprotected persons away.
 Keep away from ignition sources.
 Ensure adequate ventilation
 Avoid contact with eyes and skin
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
 Use inert absorbent material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc.) to soak up leaked product.
 Send for disposal in a suitable container
 Dispose of the material collected according to regulations.
- **6.4 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.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
 Usual safety precautions should be observed to ensure safe handling.

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Ensure good ventilation/exhaustion at the workplace.

Avoid inhalation of vapours.

Avoid contact with eyes and skin.

Smoking, eating and drinking should be prohibited in the application area.

Wash hands before breaks and at the end of work.

Containers remain hazardous when empty and should be handled accordingly.

Do not re-use the container.

· **Information about fire - and explosion protection:**

Normal measures for preventive fire protection.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Unsuitable material for receptacle:

PVC

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep container tightly sealed.

· **Storage class:** Chemical Storage

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:**

This is based on data that was valid at the time of writing.

Use engineering controls to reduce air contamination.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Remove and wash contaminated clothing before re-use.

Do not eat, drink or smoke while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Provide eyewash station.

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

NIOSH or European Standard EN 149 approved respirator

· **Protection of hands:**



Protective gloves.

DIN/EN 374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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- **Material of gloves**

Nitrile rubber, NBR

Polyvinyl Alcohol

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Safety glasses

(EN 166)

- **Body protection:** Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid
Colour: pale yellow

- **Odour:**

Red
 Phenollic
 Mild

- **Odour threshold:**

Not determined.

- **pH-value:**

Not determined.

- **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 223 °C

- **Flash point:**

94 °C

- **Flammability (solid, gaseous):**

Not applicable.

- **Ignition temperature:**

Decomposition temperature: Undetermined.

- **Self-igniting:**

Product is not selfigniting.

- **Danger of explosion:**

Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Not determined.
Upper: Not determined.

- **Vapour pressure at 20 °C:**

1.0 kPa

- **Density:**

Not determined.

- **Relative density**

1.175 - 1.190

- **Vapour density**

5.3

- **Evaporation rate**

≤ 1.0

- **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

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- | | |
|---|--------------------|
| · Chloroform: | |
| alcohols: | Soluble in ethanol |
| · Partition coefficient (n-octanol/water): Not determined. | |
| · Viscosity: | |
| Dynamic: | Not determined. |
| Kinematic: | Not determined. |
| · 9.2 Other information No further relevant information available. | |
| · Refractive index: | 1.530 - 1.550 |

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
Stable under recommended storage and handling conditions (See section 7).
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Avoid heat, flame and other sources of ignition.
- **10.5 Incompatible materials:** Strong oxidizers.
- **10.6 Hazardous decomposition products:**
Fire or high temperatures create:
Toxic gases/vapours

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

Oral	LD50	885 mg/kg (rat)
Dermal	LD50	≥ 5000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** No specific health warnings noted.
- **on the eye:** No specific health warnings noted.
- **ingestion:** Harmful if swallowed.
- **inhalation:** No specific health warnings noted.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

EC50/48h	106.60 mg/l (Daphnia)
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- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water Hazard Class: WGK 1
Avoid transfer into the environment.

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- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Dispose of in accordance with Local Authority requirements.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
 · **ADR, IMDG, IATA** UN3287
- **14.2 UN proper shipping name**
 · **ADR** 3287 TOXIC LIQUID, INORGANIC, N.O.S.
 (Gaultheria fragrantissima punctata, ext.)
 · **IMDG, IATA** TOXIC LIQUID, INORGANIC, N.O.S. (Gaultheria
 fragrantissima punctata, ext.)
- **14.3 Transport hazard class(es)**
 · **ADR, IMDG, IATA**
- 
- **Class** 6.1 Toxic substances.
 · **Label** 6.1
- **14.4 Packing group**
 · **ADR, IMDG, IATA** III
- **14.5 Environmental hazards:**
 · **Marine pollutant:** No
- **14.6 Special precautions for user** Warning: Toxic substances.
 · **Danger code (Kemler):** 60
 · **EMS Number:** F-A,S-A
- **14.7 Transport in bulk according to Annex II
 of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:**
- **ADR**
- **Limited quantities (LQ)** 5L
 · **Excepted quantities (EQ)** Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000
 ml
- **Transport category** 2

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· Tunnel restriction code	E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN3287, TOXIC LIQUID, INORGANIC, N.O.S. (<i>Gaultheria fragrantissima punctata</i> , ext.), 6.1, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard statements** Please refer section 2.
- **National regulations:**
- **Information about limitation of use:**
Employment restrictions concerning juveniles must be observed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H302 Harmful if swallowed.
.....
R22 Harmful if swallowed.
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (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 Harmonized 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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Acute Tox. 4: Acute toxicity, Hazard Category 4
- *** Data compared to the previous version altered.**

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