**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.

- **1.3 Details of the supplier of the safety data sheet**
  - **Supplier:** NHR Organic Oils
  - **24 CHATHAM PLACE, BRIGHTON BN1 3TN (UK)**
  - **Further information obtainable from:** NHR Organic Oils
  - E-mail: info@nhrorganicoils.com

- **1.4 Emergency telephone number:**

(Contd. on page 2)
Trade name: Wintergreen Oil Organic

MULTI LINGUAL EMERGENCY NUMBER (Carechem 24*7)
EUROPE: +33 (0) 1 44 73 10 02
For China: +86 1051003039
For India: +65 3158 1198
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 Vergiftigingen info centrum: 030-2748888 (uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen.)
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: BIROU 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 Müdürliği: 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 - THA. KENTROU ΔΗΛΗΤΗΡΙΑΣΕΩΝ : 210-77.93.777
SLOVAKIA Núdzové telefóne 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 специфична медицина "Н.И. Пирогов" Телефон за специфи 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

GH307

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.
Trade name: Wintergreen Oil Organic

- 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 Gaultheria fragrantissima punctata, ext.
  - Identification number(s)
  - EC number: 296-004-7

- Dangerous components:
  | 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.
Safety data sheet
according to 1907/2006/EC, Article 31, amended by
Regulation (EU) No. 453/2010

Trade name: Wintergreen Oil Organic

- **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 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.

(Contd. of page 3)

(Contd. on page 5)
Trade name: Wintergreen Oil Organic

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.

(Contd. of page 4)
**Safety data sheet**  
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

**Trade name:** Wintergreen Oil Organic

- **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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td></td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>pale yellow</td>
</tr>
<tr>
<td><strong>Odour:</strong></td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>Red</td>
</tr>
<tr>
<td>Phenolic</td>
<td>Mild</td>
</tr>
<tr>
<td><strong>Odour threshold:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>pH-value:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Change in condition</strong></td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>223 °C</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>94 °C</td>
</tr>
<tr>
<td><strong>Flammability (solid, gaseous):</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Ignition temperature:</strong></td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Self-igniting:</strong></td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td><strong>Danger of explosion:</strong></td>
<td>Product does not present an explosion hazard.</td>
</tr>
<tr>
<td><strong>Explosion limits:</strong></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Upper</td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Vapour pressure at 20 °C:</strong></td>
<td>1.0 kPa</td>
</tr>
<tr>
<td><strong>Density:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.175 - 1.190</td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
<td>5.3</td>
</tr>
<tr>
<td><strong>Evaporation rate:</strong></td>
<td>≤ 1.0</td>
</tr>
<tr>
<td><strong>Solubility in / Miscibility with water:</strong></td>
<td>Not miscible or difficult to mix.</td>
</tr>
</tbody>
</table>

(Contd. on page 7)
Trade name: Wintergreen Oil Organic

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:

<table>
<thead>
<tr>
<th></th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>885 mg/kg (rat)</td>
<td>≥5000 mg/kg (rabbit)</td>
</tr>
</tbody>
</table>

- 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:

<table>
<thead>
<tr>
<th></th>
<th>EC50/48h</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>106.60 mg/l (Daphnia)</td>
</tr>
</tbody>
</table>

- 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.
Safety data sheet
according to 1907/2006/EC, Article 31, amended by
Regulation (EU) No. 453/2010

Trade name: Wintergreen Oil Organic

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.

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
- Danger code (Kemler): Warning: Toxic substances.
- EMS Number: 60 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 Code: E1
  - Excepted quantities (EQ) Maximum net quantity per inner packaging: 30 ml
    Maximum net quantity per outer packaging: 1000 ml
- Transport category 2

(Contd. of page 7)

(Contd. on page 9)
Trade name: Wintergreen Oil Organic

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