

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 25, 2022

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Wintergreen Essential Oil (China)
Botanical name	:	Gaultheria procumbens
INCI name	:	Gaultheria Procumbens Leaf Oil
CAS #	:	90045-28-6 / 68917-75-9
Country of Origin	:	China
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Acute toxicity, Oral - Category 4

Skin Corrosion / Irritation - Category 3

Hazardous to the aquatic environment, acute hazard - Category 3

Hazardous to the aquatic environment, long-term hazard - Category 3

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H302	Harmful if swallowed.
H316	Causes mild skin irritation.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long-lasting effects.

Precautionary statement(s)

P264	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P501	Dispose of contents/container according to local regulations.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Methyl salicylate	119-36-8	204-317-7	> 97%

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Special hazards arising from the substance or its combustible products

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products can be harmful to your health.

Resulting gases

Carbon oxides

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Respiratory protection equipment may be necessary. Avoid breathing vapours, mist or gas.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

Use mechanical exhaust or laboratory fume hood to avoid exposure.

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Colorless to yellow liquid.
Odor	:	Characteristic fresh sweet woody odor.
Flash point	:	96°C
Vapor pressure	:	1 mmHg @ 54 °C
Relative density	:	1.176 - 1.182 @ 25 °C
Solubility (ies)	:	Insoluble in water. 1 ml in 2 ml 95% ethanol
Refractive index	:	1.5350 - 1.5380
Optical rotation	:	-1° to +2°

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

Heat sources.

Incompatible materials

Strong bases, Strong oxidizing agents.

Hazardous decomposition products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral - Rat - male and female - 887 mg/kg

LD50 Dermal - Rabbit - > 5,000 mg/kg

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Signs & symptoms of exposure

Mild chronic salicylate intoxication is termed salicylism. Symptoms include: headache, dizziness, ringing in the ears, difficulty in hearing, dimness of vision, mental confusion, lassitude, drowsiness, sweating, thirst, hyperventilation, nausea, vomiting, and occasionally diarrhea. A more severe degree of salicylate intoxication is characterized by more pronounced CNS disturbances (including generalized convulsions and coma), skin eruptions, and marked alterations in acid-base balance.

Teratogenicity

Laboratory experiments have shown teratogenic effects.

Respiratory or skin sensitization

Maximisation Test (GPMT) - Guinea pig - Does not cause skin sensitisation. -

Inhalation

May be harmful if inhaled. May cause respiratory tract irritation.

Skin contact

Harmful if absorbed through skin. May cause skin irritation.

Eye contact

May cause eye irritation.

Ingestion

Harmful if swallowed.

Serious eye damage

Eyes - Rabbit - No eye irritation - 72 h

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to the aquatic environment.

Persistence and degradability

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

California Proposition 65

- This product can expose you to beta-Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

GHS Hazard Statements

Refer to Section 2.

GHS Precautionary Statements

Refer to Section 2.

16. OTHER INFORMATION

Revision date : April 25,2022

Disclaimer & Caution

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