



MATERIAL SAFETY DATA SHEET

WINTERGREEN OIL

Section 1: Identification of the substance/mixture and of the company/undertaking
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1.1. Product identifier

Product name: WINTERGREEN OIL

CAS number: 90045-28-6

EINECS number: 289-888-0

Index number: 3113

INCI name: Gaultheria procumbens

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: E.U Commodity Code: 3301 29 41 Country of Origin: China. INCI Name: Gaultheria procumbens.

1.3. Details of the supplier of the safety data sheet

G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: info@baldwins.co.uk

Web: www.baldwins.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 207 703 5550
(office hours only)

Section 2: Hazards identification
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2.1. Classification of the substance or mixture

Classification under CLP: Skin Corr. 1C: H314; Acute Tox. 4: H302; Aquatic
Chronic 3: H412; -: EUH208

Most important adverse effects:

Contains pinene alpha, limonene. May produce an allergic reaction. Harmful if
swallowed. Causes severe skin burns and eye damage. Harmful to aquatic life with
long lasting effects.

2.2. Label elements

Hazard statements: EUH208: Contains pinene alpha, limonene. May produce an
allergic reaction.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion

GHS07: Exclamation mark

Signal words: Danger

Precautionary statements:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+312: IF SWALLOWED: Call a consultant if you feel unwell.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

2.3. Other hazards

Other hazards: Risk of explosion if heated under confinement.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients
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3.2. Mixtures

Hazardous ingredients:

METHYL SALICYLATE

EINECS CAS PBT / WEL CLP Classification Percent

204-317-7 119-36-8 -Acute Tox. 4: H302; Skin Irrit. 2: H315;

Eye Dam. 1: H318

>90%

LIMONENE

227-813-5 5989-27-5 -Flam. Liq. 3: H226; Skin Irrit. 2: H315;

Skin Sens. 1: H317; Aquatic Acute 1:

H400; Aquatic Chronic 1: H410; Asp.

Tox. 1: H304

<1%

PINENE ALPHA

201-291-9 80-56-8 -Flam. Liq. 3: H226; Skin Irrit. 2: H315;

Skin Sens. 1B: H317; Asp. Tox. 1:

H304

<1%

Contains: Essential oil of *Gaultheria procumbens*, Ericaceae. (distilled)

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage
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7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale straw

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Non-viscous

Flash point°C: >93 Part.coeff. n-octanol/water: No data available

Vapour pressure: No data available Relative density: No data available

pH: 1

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information
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II.1. Information on toxicological effects

Toxicity values:

Route Species Test Value Units
SKN RBT -500 mg/24H MOD
SKN HAM TDLo 5250 mg/kg: TER
SKN GPG -100 % SEV
SCU RBT LDLo 4250 mg/kg
SCU GPG LDLO 2700 mg/kg
SCU DOG LDLO 2250 mg/kg
ORL WMN LDLo 552 mg/kg
ORL RBT LD50 1300 mg/kg
ORL RAT TDLo 500 mg/kg: TER
ORL RAT LD50 887 mg/kg

Hazardous ingredients:

METHYL SALICYLATE
EYE GPG -100 % SEV
EYE RBT -500 mg/24H SEV
IPR RAT LDLO 3000 mg/kg
IVN RAT LDLO 2750 mg/kg
ORL CHD LDLO 228 mg/kg: PUL
ORL DOG LD50 2100 mg/kg
ORL GPG LD50 1060 mg/kg
ORL HMN LDLO 506 mg/kg
ORL RAT TDLo 36450 mg/kg (MGM
ORL RBT LD50 1300 mg/kg
ORL WMN LDLO 800 mg/kg

SCU DOG LDLO 2250 mg/kg
SCU GPG LDLO 2700 mg/kg
SCU RAT TDLo 500 mg/kg (10D
SCU RBT LDLO 4250 mg/kg
SKN GPG -100 % SEV
SKN HAM TDLo 5250 mg/kg (7D
SKN RBT -500 mg/24H MOD
UNR MAN LDLO 522 mg/kg

LIMONENE

IVN MUS LD50 1010 µl/kg
ORL MUS LD50 5550 µl/kg
ORL RAT LD50 5300 mg/kg

Relevant hazards for product:

Hazard Route Basis

Acute toxicity (ac. tox. 4) ING Hazardous: calculated
Skin corrosion/irritation DRM Hazardous: calculated
Serious eye damage/irritation OPT Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information
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14.1. UN number

UN number: NOT REGULATED

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Recommended for professional use only as an ingredient in perfumes and pharmaceuticals.

Phrases used in s.2 and s.3:

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



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