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SAFETY DATA SHEET

Printed on 30 November 2017

According to 1907/2006/EC, Article 31 as amended by 453/2010/EC

Code Number : NAT-11667

Version 3 Revised 16/06/2017 16:51:41

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : LEMON OIL {B117}

Code Number : NAT-11667

Relevant identified uses of the substance/mixture and uses advised against
Concentrated material for manufacturing purposes only.

Details of the supplier of the safety data sheet

Absolute Aromas
Absolute Aromas Ltd
1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Telephone Number : +44 (0) 1420 540400

Email Address : Relax@absolute-aromas.com

Emergency Tel No : +44 (0) 1420 540400

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

CLP Classification according to EC1272/2008

FL 3 : Flammable liquid, category 3
AH 1 : Aspiration hazard, category 1
SCI 2 : Skin corrosion/irritation, category 2
SS 1 : Skin sensitisation, category 1
EH A1 : Aquatic hazard, acute, category 1
EH C1 : Aquatic hazard, chronic, category 1

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EU DSD classification according to 67/548/EEC, 1999/45/EC, 2001/58/EC

Hazard Symbols



Xn: Harmful



Xi: Irritant



N: Dangerous for the Environment

Risk Codes : R10,R43,R50/53

HydroCarbons : 90%

Additional Information

Full text of R and S phrases: see Section 16

CLP Labelling

Symbols



Signal Word Danger

Hazard Statements

- | | |
|------|--|
| H226 | Flammable liquid and vapour |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H410 | Very toxic to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P241 | Use explosion-proof equipment. |
| P264 | Wash hands thoroughly after handling |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |

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| | |
|----------------|---|
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves and eye protection |
| P301+P310 | IF SWALLOWED: Immediately call %. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with waterRemove |
| P331 | Do NOT induce vomiting. |
| P332+P313 | If skin irritation occurs: Get medical advice. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of Local Environmental Regulations in accordance with regulation. |

Other Hazards

No data available at this time

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Any percentage values listed here for hazardous components are for illustrative purposes only

| | |
|--------------|------------|
| Description | Lemon |
| REACH Reg No | |
| USCAS Number | 8008-56-8 |
| CAS Number | 84929-31-7 |
| EINECS | 284-515-8 |

Hazardous substances in complex natural material

| Chemical Name | CAS No. EC No. | Classification 67/548/EEC | Classification EC 1272/2008 | Conc (%) |
|--------------------------------------|------------------------|--------------------------------------|--------------------------------|----------|
| d-Limonene (p-Mentha-1,8-diene) | 5989-27-5 227-813-5 | Xi, N; R10,R38,R43,R50/53,R 65 | FL 3;SCI 2;SS 1B;AH 1;EH A1,C1 | 75.9000 |
| beta-Pinene | 127-91-3 204-872-5 | Xn; R10,R38,R43,R65 | FL 3;SCI 2;SS 1B;AH 1 | 9.0300 |
| gamma-Terpinene (p-Mentha-1,4-diene) | 99-85-4 202-794-6 | Xn; R10,R65 | FL 3;AH 1 | 7.7000 |
| Citral | 5392-40-5 226-394-6 | Xi; R38,R43 | SCI 2;SS 1;EDI 2 | 2.0000 |
| Myrcene | 123-35-3 204-622-5 | Xn; R10, R38, R52/53, R65 | FL 3;AH 1;SCI 2;EDI 2 | 1.7000 |
| alpha-Pinene | 80-56-8 201-291-9 | Xn; R10,R38,R43,R65 | FL 3;SCI 2;SS 1B;AH 1 | 1.6800 |

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| | | | | |
|-----------------|-----------------------|-------------|---------------------|--------|
| Geranyl acetate | 105-87-3 203-341-5 | N; R51/53 | EH C2 | 1.4900 |
| Linalool | 78-70-6 201-134-4 | Xi; R38 | EDI 2; SCI 2 | 1.0000 |
| Neral | 106-26-3 203-379-2 | Xi; R38,R43 | SCI 2; SS 1B; EDI 2 | 0.7000 |

4. FIRST AID MEASURES

- General : Take phrases in sections 2 and 15 into account
- Inhalation : Remove from the exposure area to fresh air. Contact a doctor if necessary.
- Ingestion : Wash mouth with plenty of water and obtain medical advice immediately.
- Skin Contact : Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.
- Eye Contact : Flush with plenty of water and seek medical advice if necessary.

5. FIRE-FIGHTING MEASURES

- Extinguishing Media : Carbon dioxide, foam or dry powder
DO NOT USE A DIRECT WATER JET.
In case of overheating, cool containers to avoid a pressure increase.
- Combustion Products : Carbon dioxide and unidentified organic compounds.
- Special Protective Equipment for Fire Fighters Only : Wear protective clothing and avoid inhalation of vapours.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

Avoid inhalation, skin and eye contact.

Ensure proper ventilation.

Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water

Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

Reference to other sections

Take Risk, Safety and Precautionary phrases (section 16) into account

7. HANDLING AND STORAGE

Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

Specific end use(s)

Not available at this time

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

-

Exposure Controls

Maintain adequate ventilation.

Personal Protection

Respiratory Protection : Not generally required. Use inhalation protection in poorly ventilated areas

Hand Protection : Wear chemically resistant disposable gloves.

Eye Protection : Wear safety goggles.

Skin Protection : Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Flash Point (°C) : 48

Liquid : Mobile liquid

Colour : Pale yellow

Aroma : Citrus

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10. STABILITY AND REACTIVITY

Conditions to avoid : Extreme temperatures
Incompatible materials : Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.
Hazardous decomposition products : Not determined

11. TOXICOLOGY INFORMATION

No data available

12. ECOLOGICAL INFORMATION

No data available; avoid soil, surface water and water-bearing stratum contamination.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with the law and local regulations. Treat as trade effluent.

14. TRANSPORT INFORMATION

UN Number : 1169
Shipping Name : EXTRACTS, AROMATIC, LIQUID
Class : 3
Packing Group : III
Tunnel Code : (D/E)
Environmental Hazards :
No relevant information available
Special precautions for user :
No relevant information available
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code :
Not applicable

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15. REGULATORY INFORMATION

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

No relevant information available at this time

Chemical safety assessment

A chemical safety assessment has not been carried out

Contains Citral, Limonene and Linalool which may produce an allergic reaction

16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

| | |
|--------|---|
| R10 | Flammable |
| R43 | May cause sensitisation by skin contact |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| S16 | Keep away from sources of ignition - No smoking |
| S2 | Keep out of the reach of children |
| S24 | Avoid contact with skin |
| S37 | Wear suitable gloves |
| S61 | Avoid release to the environment. Refer to special instructions/safety data sheet |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P241 | Use explosion-proof equipment. |
| P264 | Wash hands thoroughly after handling |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |

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| P331 | Do NOT induce vomiting. |
| P332+P313 | If skin irritation occurs: Get medical advice. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of Local Environmental Regulations in accordance with regulation. |

Text of the risk phrases listed in section 3

| | |
|--------|---|
| R10 | Flammable |
| R38 | Irritating to skin |
| R43 | May cause sensitisation by skin contact |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| R65 | Harmful: may cause lung damage if swallowed |

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