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## SAFETY DATA SHEET

Printed on 22 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 ORGANIC {OR011}

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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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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