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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-11670

Version 4 Revised 17/07/2017 11:06:05

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : LEMONGRASS OIL ORGANIC {OR012}

Code Number : NAT-11670

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

SCI 2 : Skin corrosion/irritation, category 2
SS 1 : Skin sensitisation, category 1
EDI 1 : Eye damage/irritation, category 1
EH C2 : Aquatic hazard, chronic, category 2

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

Hazard Symbols



Xi: Irritant



N: Dangerous for the Environment

Risk Codes : R36/38,R43,R51/53

HydroCarbons : <= 10%

Additional Information

Full text of R and S phrases: see Section 16

CLP Labelling

Symbols



Signal Word Danger

Hazard Statements

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H411 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.

P261 Avoid breathing fumes.

P264 Wash hands thoroughly after handling

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

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P302+P352	IF ON SKIN: Wash with %.
P305	IF IN EYES:
P312	Call % if you feel unwell.
P321	Specific treatment (see % on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362	Take off contaminated clothing.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of Local Environment 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	Lemongrass oil, West Indian
REACH Reg No	
USCAS Number	8007-02-1
CAS Number	89998-14-1
EINECS	289-752-0

Hazardous substances in complex natural material

Chemical Name	CAS No. EC No.	Classification 67/548/EEC	Classification EC 1272/2008	Conc (%)
Geranial	141-27-5 205-476-5	Xi; R38,R43	SCI 2;SS 1B;EDI 2	44.2840
Neral	106-26-3 203-379-2	Xi; R38,R43	SCI 2;SS 1B;EDI 2	36.6700
Geraniol	106-24-1 203-377-1	Xi; R38,R41,R43	SCI 2;EDI 1;SS 1	5.5670
Geranyl acetate	105-87-3 203-341-5	N; R51/53	EH C2	3.3790
alpha-Pinene	80-56-8 201-291-9	Xn; R10,R38,R43,R65	FL 3;SCI 2;SS 1B;AH 1	2.5000
gamma-Terpinene (p-Mentha-1,4-diene)	99-85-4 202-794-6	Xn; R10,R65	FL 3;AH 1	2.5000
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	2.0000

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6-Methyl-5-hepten-2-one (MHO)	110-93-0 203-816-7	Xi; R10,R36	FL 3	1.8730
Linalool	78-70-6 201-134-4	Xi; R38	EDI 2;SCI 2	1.8600
Methyl heptenone (5-Methyl-2-hepten-4-one)	81925-81-7 206-990-2	Xi; R36/38,R43	EDI 2;SCI 2;SS 1	1.7240
Caryophyllene	87-44-5 201-746-1	Xn; R65	AH 1	1.4000
alpha-Terpineol	98-55-5 202-680-6	Xi; R36/38	SCI 2;EDI 2	1.1940
Camphene	79-92-5 201-234-8	F,Xi,N; R11,R36,R50/53	FS 2;EDI 2;EH A1,C1	1.0380
Linalyl acetate	115-95-7 204-116-4	Xi; R38	SCI 2;EDI 2	0.9660

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

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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) : 89

Liquid : Mobile Liquid

Colour : Yellow - Brown

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 : 3082
Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(LEMONGRASS OIL, WEST INDIAN)
Class : 9
Packing Group : III
Tunnel Code : (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, Geraniol, Limonene and Linalool which may produce an allergic reaction

16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

R36/38	Irritating to eyes and skin
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S24	Avoid contact with skin
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
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.
P261	Avoid breathing fumes.
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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P312	Call % if you feel unwell.
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Text of the risk phrases listed in section 3

R10	Flammable
R11	Highly flammable
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
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
R65	Harmful: may cause lung damage if swallowed

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