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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-11566

Version 4 Revised 13/07/2017 12:22:34

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND COMPANY

Product Identifier

Compound Name : CINNAMON LEAF OIL {B141}

Code Number : NAT-11566

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

SS 1 : Skin sensitisation, category 1
EDI 2 : Eye damage/irritation, category 2
MUT 2 : Germ cell mutagenicity, category 2
CAR 1B : Carcinogenicity, category 1B

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

Hazard Symbols



T: Toxic



Xn: Harmful



Xi: Irritant

Risk Codes : R36,R43,R45/C1,R52/53,R68

HydroCarbons : <= 10%

Additional Information

Full text of R and S phrases: see Section 16

CLP Labelling

Symbols



Signal Word Danger

Hazard Statements

- | | |
|------|---|
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H341 | Suspected of causing genetic defects |
| H350 | May cause cancer |
| H412 | Harmful to aquatic life with long lasting effects |

Precautionary Statements

- | | |
|------|--|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| 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 |

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P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with %.
P308+P313	IF exposed or concerned: Get medical advice.
P312	Call % if you feel unwell.
P321	Specific treatment (see % on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
P351	Rinse cautiously with water for several minutes.
P363	Wash contaminated clothing before reuse.
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 Cinnamon leaf oil (carc.cat 2), (muta.cat 3)

REACH Reg No

USCAS Number 8015-91-6

CAS Number 84649-98-9

EINECS 283-479-0

Hazardous substances in complex natural material

Chemical Name	CAS No. EC No.	Classification 67/548/EEC	Classification EC 1272/2008	Conc (%)
Eugenol	97-53-0 202-589-1	Xn; R36,R43	EDI 2;SS 1B	63.9600
Benzyl benzoate	120-51-4 204-402-9	Xn,N; R22,R51/53	ATO 4(1500);EH C2	5.2160
Eugenyl acetate	93-28-7 202-235-6	Xn; R22	ATO 4(1670)	4.9970
Caryophyllene	87-44-5 201-746-1	Xn; R65	AH 1	4.5100
Linalool	78-70-6 201-134-4	Xi; R38	EDI 2;SCI 2	3.0000

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d-Linalool	126-90-9 204-810-7	Xi; R38	EDI 2; SCI 2	2.8970
Cinnamic aldehyde	104-55-2 203-213-9	Xn; R21,R38,R43	ATD 4(1100); EDI 2; SCI 2; SS 1A	2.0000
alpha-Phellandrene	99-83-2 202-792-5	Xn; R10,R65	FL 3; AH 1	1.6660
alpha-Pinene	80-56-8 201-291-9	Xn; R10,R38,R43,R65	FL 3; SCI 2; SS 1B; AH 1	1.5840
Safrole	94-59-7 202-345-4	T; R45,R22,R68	ATO 4(1950); CAR 1B; MUT 2	1.5740
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	0.4650
Camphene	79-92-5 201-234-8	F,Xi,N; R11,R36,R50/53	FS 2; EDI 2; EH A1,C1	0.4530
beta-Pinene	127-91-3 204-872-5	Xn; R10,R38,R43,R65	FL 3; SCI 2; SS 1B; AH 1	0.4250
Coumarin	91-64-5 202-086-7	Xn; R22,R43	ATO 4(500); SS 1B; STO-RE 2(liver, lung)	0.3000
1,8-Cineole (Eucalyptol)	470-82-6 207-431-5	; R10	FL 3	0.1850
Benzaldehyde	100-52-7 202-860-4	Xn; R22	ATI 4(1.5); ATO 4(1300); EDI 2; STO-SE 3(RI)	0.1600
Isoeugenol	97-54-1 202-590-7	Xn; R21/22,R36/38,R43	ATO 4(1500); ATD 4(1900); SCI 2; EDI 2; SS 1	0.1300
Farnesol	4602-84-0 225-004-1	Xi; R36/38,R43	SCI 2; EDI 2; SS 1B	0.1200
delta-3-Carene	13466-78-9 236-719-3	Xn; R10,R38,R43,R65	FL 3; SCI 2; SS 1; AH 1	0.1080

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.

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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.

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

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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

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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Flash Point (°C)	: 86
Liquid	: Mobile Liquid
Colour	: Dark Brown
Aroma	: Cinnamon

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.

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14. TRANSPORT INFORMATION

UN Number : Not Regulated

Shipping Name :

Class :

Packing Group :

Tunnel Code :

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

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 Benzyl Benzoate, Cinnamal, Coumarin, Eugenol, Farnesol, Isoeugenol, Limonene and Linalool which may produce an allergic reaction

16. OTHER INFORMATION

Text of the risk and safety phrases listed in section 2

R36 Irritating to eyes

R43 May cause sensitisation by skin contact

R45/C1 May cause cancer

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R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R68	Possible risk of irreversible effects
S24/25	Avoid contact with skin and eyes
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
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
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
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P302+P352	IF ON SKIN: Wash with %.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice.
P312	Call % if you feel unwell.
P321	Specific treatment (see % on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice.
P337+P313	If eye irritation persists: Get medical attention.
P351	Rinse cautiously with water for several minutes.
P363	Wash contaminated clothing before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.
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Text of the risk phrases listed in section 3

R10	Flammable
R11	Highly flammable
R21	Harmful in contact with skin
R21/22	Harmful in contact with skin and if swallowed
R22	Harmful if swallowed
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
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
R65	Harmful: may cause lung damage if swallowed
R68	Possible risk of irreversible effects

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