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SAFETY DATA SHEET

Printed on 01 May 2018

GHS: According to 2015/830/EU

Code Number NAT-11801
Version 8 Revised 01/05/2018 16:42:03

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name THYME OIL, SWEET (B148)
Code Number NAT-11801
Alternative Name
REACH Reg No Not registered

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

Concentrated material for fragrances, natural cosmetics and spa treatments

1.3 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

1.4 Emergency Tel No +44 (0) 1420 540400

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

FL 3 Flammable liquid, category 3
ATO 4 Acute toxicity, oral, category 4
AH 2 Aspiration hazard, category 2
SCI 1C Skin corrosion/irritation, category 1C
EDI 1 Eye damage/irritation, category 1
EH A2 Aquatic hazard, acute, category 2
EH C2 Aquatic hazard, chronic, category 2

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2.2 Label elements

GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Danger

Hazard Statements

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H305	May be harmful if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H401	Toxic to aquatic life
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.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other Hazards

Contains Eugenol, Geraniol and Linalool which may produce an allergic reaction

No further information available at this time

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3. Composition / information on ingredients

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

3.1 Substances

Description THYME OIL, SWEET (B148)
EC/EINECS 284-535-7
CAS Number 84929-51-1
USCAS Number 8007-46-3

Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 78-70-6 EINECS 201-134-4 REACH	Linalool FL 4; ATO 5(3000); EDI 2A; SCI 2; EH A3 H227, H303, H315, H319, H402	65.0000
CAS 562-74-3 EINECS 209-235-5 REACH	Terpinene-4-ol (4-Terpineol) (4-Carvomethenol) FL 4; ATD 5(2500); ATO 4(1300); SCI 2; EDI 2A; EH A3 H227, H302, H313, H315, H319, H402	7.0000
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) FL 3; ATO 5(3850); SCI 3; AH 1 H226, H303, H304, H316	4.0000
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene FL 3; AH 1; SCI 2; EDI 2A H226, H304, H315, H319	3.0000
CAS 99-87-6 EINECS 202-796-7 REACH	para-Cymene FL 3; ATO 5(4750); SCI 3; AH 1; EH A2, C2 H226, H303, H304, H316, H401, H411	2.8000
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene FL 3; ATO 5(3500); SCI 2; SS 1B; AH 1 H226, H303, H304, H315, H317	2.4000
CAS 99-86-5 EINECS 202-795-1 REACH	Terpinenes (para-Mentha-1,4-diene) FL 3; ATO 4(1680); SCI 3; AH 1; EH A2, C2 H226, H302, H304, H316, H401, H411	2.3000
CAS 470-82-6 EINECS 207-431-5 REACH	1,8-Cineole (Eucalyptol) FL 3; ATO 5(2480); SCI 3 H226, H303, H316	2.2000
CAS 507-70-0 EINECS 208-080-0 REACH	Borneol FS 2; SCI 3 H228, H316	1.9000
CAS 7705-14-8 EINECS 231-732-0 REACH	d,l-Limonene (isomer unspecified) FL 3; AH 1; SCI 2; SS 1B; EH A1, C1 H226, H304, H315, H317, H400, H410	1.5000

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CAS 1365-19-1 EINECS 215-723-9 REACH	Linalool oxide FL 4; ATO 4(1750); ATD 5(2500); SCI 2; EDI 2A H227, H302, H313, H315, H319	1.5000
CAS 89-83-8 EINECS 201-944-8 REACH	Thymol ATO 4(980); SCI 1B; EDI 1; EH A2, C2 H302, H314, H318, H401, H411	1.5000
CAS 98-55-5 EINECS 202-680-6 REACH	alpha-Terpineol FL 4; ATO 5(4300); SCI 2; EDI 2A; EH A2 H227, H303, H315, H319, H401	1.3500
CAS 76-22-2 EINECS 200-945-0 REACH	Camphor (1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one) FS 2; ATI 4; ATO 5(4900); SCI 3; STO-SE 2; EH A3 H228, H303, H316, H332, H371, H402	1.3000
CAS 87-44-5 EINECS 201-746-1 REACH	Caryophyllene AH 1; SCI 3 H304, H316	0.9000
CAS 586-62-9 EINECS 209-578-0 REACH	Terpinolene FL 3; ATO 5(3850); SCI 3; AH 1; EH A2, C2 H226, H303, H304, H316, H401, H411	0.8500
CAS 79-92-5 EINECS 201-234-8 REACH	Camphene FS 2; SCI 3; EDI 2A; EH A1, C1 H228, H316, H319, H400, H410	0.8000
CAS 115-95-7 EINECS 204-116-4 REACH	Linalyl acetate FL 4; SCI 2; EDI 2A; EH A2 H227, H315, H319, H401	0.6200
CAS 555-10-2 EINECS 209-081-9 REACH	beta-Phellandrene FL 3; SCI 3; AH 1 H226, H304, H316	0.5500
CAS 127-91-3 EINECS 204-872-5 REACH	beta-Pinene FL 3; ATO 5(3500); SCI 2; SS 1B; AH 1 H226, H303, H304, H315, H317	0.5000
CAS 99-83-2 EINECS 202-792-5 REACH	alpha-Phellandrene FL 3; SCI 3; AH 1 H226, H304, H316	0.2500
CAS 13877-91-3 EINECS 237-641-2 REACH	Ocimene (3,7-Dimethyl-1,3,6-octatriene) FL 3; AH 1; SCI 3 H226, H304, H316	0.2100
CAS 499-75-2 EINECS 207-889-6 REACH	Carvacrol ATO 4(810); SCI 2; EDI 2A; SS 1B H302, H315, H317, H319	0.1800
CAS 6728-26-3 EINECS 229-778-1 REACH	trans-2-hexenal FL 3; ATO 4; ATD 3; SS 1; EH C2 H226, H302, H311, H317, H411	0.1000

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CAS 106-24-1 EINECS 203-377-1 REACH	Geraniol ATO 5(4200);SCI 2;EDI 1;SS 1;EH A2 H303,H315,H317,H318,H401	0.1000
CAS 97-53-0 EINECS 202-589-1 REACH	Eugenol ATO 5(2300);SCI 3;EDI 2A;SS 1B;EH A2 H303,H316,H317,H319,H401	0.1000
CAS 2442-10-6 EINECS 219-474-7 REACH	1-Octen-3-yl acetate ATO 4;SS 1 H302,H317	0.0700
CAS 3338-55-4 EINECS 222-081-3 REACH	Ocimenes (cis-beta-Ocimene) FL 3;AH 1;SCI 3 H226,H304,H316	0.0700

Refer to section 16 for the wording of listed classification and hazard statement codes

4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After 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.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

5. Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder
DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

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5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.
Avoid inhalation, skin and eye contact.
Ensure proper ventilation.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

7. Handling and storage

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

No further information available

8. Exposure controls / personal protection

8.1 Control Parameters

No information available

8.2 Exposure controls

Engineering controls
No information available

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Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice.
Always wash routinely before breaks, meals and at the end of the work period.

Eye/face protection

Wear safety goggles.

Hand protection

Wear chemically resistant disposable gloves.

Other skin protection

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

Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas

Thermal hazards

No information available

Environmental exposure controls

No information available

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

FLASH POINT (°C)	55
Liquid	Liquid
Colour	Orange/Red
Aroma	Herbaceous

9.2 Other information

No further information available

10. Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability

Not determined

10.3 Possibility of hazardous reactions

Not determined

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10.4 Conditions to avoid

Extreme temperatures

10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available

Skin corrosion / irritation

No data available

Serious eye damage / irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STO-single exposure

No data available

STO-repeated exposure

No data available

Aspiration hazard

No data available

Information on likely routes of exposure

No data available

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Symptoms related to the physical, chemical and toxicological characteristics

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data available

Interactive effects

No data available

Other information

No data available

12. Ecological information

12.1 Toxicity

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

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

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

14. Transport information

14.1 UN number 1169

14.2 UN proper shipping name EXTRACTS, AROMATIC, LIQUID

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14.3 Transport hazard class(es) 3

14.4 Packing group III

Tunnel Code (D/E)

14.5 Environmental Hazards
No relevant information available

14.6 Special precautions for user
No relevant information available

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No relevant information available at this time

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out

16. Other information

Full list of precautionary phrases

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P280 Wear protective gloves and eye protection

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Wording of any hazard classes listed in section 3

FL 3 Flammable liquid, category 3

FL 4 Flammable liquid, category 4

FS 2 Flammable solid, category 2

ATO 4 Acute toxicity, oral, category 4

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ATO 5	Acute toxicity, oral, category 5
AH 1	Aspiration hazard, category 1
ATD 3	Acute toxicity, dermal, category 3
ATD 5	Acute toxicity, dermal, category 5
SCI 1B	Skin corrosion/irritation, category 1B
SCI 2	Skin corrosion/irritation, category 2
SCI 3	Skin corrosion/irritation, category 3
SS 1	Skin sensitisation, category 1
SS 1B	Skin sensitisation, category 1B
EDI 1	Eye damage/irritation, category 1
EDI 2A	Eye damage/irritation, category 2A
ATI 4	Acute toxicity, inhalation, category 4
STO-SE 2	Specific target organ, single exposure, category 2
EH A1	Aquatic hazard, acute, category 1
EH A2	Aquatic hazard, acute, category 2
EH A3	Aquatic hazard, acute, category 3
EH C1	Aquatic hazard, chronic, category 1
EH C2	Aquatic hazard, chronic, category 2
Wording of any hazard statements listed in section 3	
H226	Flammable liquid and vapour
H227	Combustible liquid
H228	Flammable solid
H302	Harmful if swallowed
H303	May be harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H371	May cause damage to % %

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H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

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