

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133
Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Orange, Sweet Oil; CAS: 8008-57-9; REACH REG: 01-21 19493353-35
Other identifiers: Citrus sinensis

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd
Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX
Contact: Regulatory Affairs
E-Mail address: craig@absolute-aromas.com
Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
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.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

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.

M factor: None

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Orange, Sweet Oil; CAS: 8008-57-9; REACH REG: 01-21 19493353-35

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
d,L-Limonene (sum of isomers)	7705-14-8	231-732-0		50-100%	FL 3-GCI 2-SB 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		1-5%	FL 3-GCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
alpha-Pinene	80-56-8	201-291-9		0.1-1%	FL 3-ATO 4-GCI 2-SB 1B-AH 1-EH A1-EH C1;H226-H302-H304-H315-H317-H410,-
Linalool	78-70-6	201-134-4		0.1-1%	SCI 2-EDI 2-SB 1B;H315-H317-H319,-
delta-3-Carene	13466-78-9	236-719-3		0.1-1%	FL 3-GCI 2-SB 1-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Geraniol	141-27-5	205-476-5		0.1-1%	SCI 2-EDI 2-SB 1B;H315-H317-H319,-
Neral	106-26-3	203-379-2		0.1-1%	SCI 2-EDI 2-SB 1B;H315-H317-H319,-
Terpinolene	586-62-9	209-578-0		0.1-1%	SB 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
Citronellal	106-23-0	203-376-6		0.1-1%	SCI 2-EDI 2-SB 1B;H315-H317-H319,-
beta-Pinene	127-91-3	204-872-5		0.1-1%	FL 3-GCI 2-SB 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	47 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1189

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4 Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

RIFM ID Number: 192-G2.5

LM Unique Identifier: LM3984

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

Section 16. Other information

Concentration % Limits: EH A1=25.08% EH C1=25.86% EH C2=2.58% EH C3=0.25779840% EH C4=25.08% SCI 2=10.20% SS 1=1.05% AH 1=10.31%

Total Fractional Values: EH A1=3.99 EH C1=3.87 EH C2=38.79 EH C3=387.90 EH C4=3.99 SCI 2=9.80 SS 1=95.00 AH 1=9.70

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
ED1 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Orange, Sweet Oil T133

Version: 2

P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCl 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Ylang Ylang 1 Oil; CAS: 8006-81-3; REACH REG: 01-2120760178-50

Other identifiers: Cananga odorata

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1B
Toxic to Reproduction Category 2
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H361, Suspected of damaging fertility or the unborn child (exposure route).
H412, Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H361, Suspected of damaging fertility or the unborn child (exposure route).
H412, Harmful to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P202, Do not handle until all safety precautions have been read and understood.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313, IF exposed or concerned: Get medical advice/attention.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Ylang Ylang 1 Oil; CAS: 8006-81-3; REACH REG: 01-2120760178-50

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Linalool	78-70-6	201-134-4		10-20%	SC1 2-ED1 2-SS 1B; H315-H317-H319,-
p-Methylanisole	104-93-8	203-253-7		5-10%	FL 3-ATO 4-SC1 2-REP 2-EH C3;H226-H302-H315-H361-H412,-
beta-Caryophyllene	87-44-5	201-746-1		5-10%	SS 1B-AH 1;H304-H317,-
Benzyl benzoate	120-51-4	204-402-9		5-10%	ATO 4-EH A1-EH C2; H302-H400-H411,-
Geranyl acetate	105-87-3	203-341-5		5-10%	SC1 2-SS 1B-EH C3; H315-H317-H412,-
Benzyl acetate	140-11-4	205-399-7		5-10%	EH C3;H412,-
Methyl benzoate	93-58-3	202-259-7		5-10%	ATO 4;H302,-
trans-trans-Farnesol	106-28-5			1-5%	SC1 2-ED1 2-SS 1B; H315-H317-H319,-
Geraniol	106-24-1	203-377-1		1-5%	SC1 2-ED1 1-SS 1B; H315-H317-H319,-
Benzyl salicylate	118-58-1	204-262-9		1-5%	SS 1B-EH C3;H317-H412,-
Eugenol	97-53-0	202-589-1		1-5%	ED1 2-SS 1B;H317-H319,-
3-Methyl-2-butenyl acetate	1191-16-8	214-730-4		1-5%	FL 3;H226,-
Estragole	140-67-0	205-427-8		0.1-1%	ATO 4-SS 1B-MUT 2-CAR 2;H302-H317-H341-H351,-
Geranial	141-27-5	205-476-5		0.1-1%	SC1 2-ED1 2-SS 1B; H315-H317-H319,-
Isoeugenol	97-54-1	202-590-7		0.1-1%	ATO 4-ATO 4-SC1 2-ED1 2-SS 1A;H302-H312-H315-H317-H319,-
alpha-Pinene	80-56-8	201-291-9		0.1-1%	FL 3-ATO 4-SC1 2-SS 1B-AH 1-EH A1-EH C1; H226-H302-H304-H315-H317-H410,-
trans-Anethole	4180-23-8	224-052-0		0.1-1%	SS 1B;H317,-
Myrcene	123-35-3	204-622-5		0.1-1%	FL 3-SC1 2-ED1 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
Neral	106-26-3	203-379-2		0.1-1%	SC1 2-ED1 2-SS 1B; H315-H317-H319,-
beta-Pinene	127-91-3	204-872-5		0.1-1%	FL 3-SC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

IF ON SKIN: Wash with plenty of soap and water.

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

IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Suspected of damaging fertility or the unborn child (exposure route).

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	87 °C
Evaporation rate:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	4138
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

Respiratory or skin sensitisation: Sensitization - Skin Category 1B
Germ cell mutagenicity: Based on available data the classification criteria are not met.
Carcinogenicity: Based on available data the classification criteria are not met.
Reproductive toxicity: Toxic to Reproduction Category 2
STOT-single exposure: Based on available data the classification criteria are not met.
STOT-repeated exposure: Based on available data the classification criteria are not met.
Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Benzyl benzoate	120-51-4	204-402-9	1500	4000	Not available	Not available
Methyl benzoate	93-58-3	202-259-7	1300	Not available	Not available	Not available
p-Methylanisole	104-93-8	203-253-7	1900	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: Not classified

14.2 UN Proper Shipping Name: -

14.3 Transport hazard class(es): Not classified

Sub Risk: Not classified

14.4. Packing Group: Not classified

14.5 Environmental hazards: Not environmentally hazardous for transport

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

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

RIFM ID Number: 6614-F2.12.1

LM Unique Identifier: LM7556

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C3=18.08% EH C4=78.00% SCI 2=28.37% EDI 2=23.34% SS 1=7.14% REP 2=33.33% AH 1=62.58%

Total Fractional Values: EH C3=5.53 EH C4=1.28 SCI 2=3.53 EDI 2=4.29 SS 1=14.00 REP 2=3.00 AH 1=1.60

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 4	Acute Toxicity - Dermal Category 4
ATO 4	Acute Toxicity - Oral Category 4
CAR 2	Carcinogenicity Category 2
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects (exposure route).

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

H351	Suspected of causing cancer (exposure route).
H361	Suspected of damaging fertility or the unborn child (exposure route).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
MUT 2	Germ Cell Mutagenicity Category 2
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
REP 2	Toxic to Reproduction Category 2

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ylang Ylang 1 Oil T126

Version: 7

SCI 2	Skin Corrosion / Irritation Category 2
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Grapefruit Oil; CAS: 8016-20-4; REACH REG: 01-2120119763-66

Other identifiers: Citrus paradisi

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
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.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

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.

M factor: None

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Grapefruit Oil; CAS: 8016-20-4; REACH REG: 01-2120119763-66

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
d,-Limonene (sum of isomers)	7705-14-8	231-732-0		50-100%	FL 3-GH 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		1-6%	FL 3-GH 2-ED 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H410,-H411,-
alpha-Pinene	80-56-8	201-291-9		0.1-1%	FL 3-ATD 4-GH 2-SS 1B-AH 1-EH A1-EH C1;H226-H302-H304-H315-H317-H410,-
beta-Caryophyllene	87-44-5	201-746-1		0.1-1%	SS 1B-AH 1;H304-H317,-
Linalool	78-70-6	201-134-4		0.1-1%	GH 2-ED 2-SS 1B;H315-H317-H319,-
beta-Pinene	127-91-3	204-872-5		0.1-1%	FL 3-GH 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Terpinolene	586-62-9	209-578-0		0.1-1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	49 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

Explosive properties: Not expected

Oxidising properties: Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Not Applicable

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1180

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

RIFM ID Number: 189-G2.5

LM Unique Identifier: LM2064

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH A1=25.22% EH C1=26.01% EH C2=2.50% EH C3=0.25026886% EH C4=25.22% SCI 2=10.20% SS 1=1.05% AH 1=10.20%

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

Total Fractional Values: EH A1=3.97 EH C1=3.85 EH C2=38.57 EH C3=385.70 EH C4=3.97 SCI
2=9.80 SS 1=95.00 AH 1=9.80

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse mouth.
P331	Do not induce vomiting.

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Grapefruit Oil T114

Version: 2

P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
GCI 2	Skin Corosion / Irritation Category 2
SG 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Peppermint Oil, English; CAS: 8006-90-4

Other identifiers: Mentha piperita

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House

Mill Lane

Alton

Hampshire

GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H411, Toxic to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

Hazard statements: H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H411, Toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Peppermint Oil, English; CAS: 8006-90-4

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
-Menthol	2216-51-5	218-690-9		20-<50%	SC1 2;H315,-
-Menthone	14073-97-3	237-926-1		20-<50%	SC1 2-09 1B;H315-H317,-

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

Eucalyptol	470-82-6	207-431-5		5-10%	FL 3-08 1B;H226-H317,-
Menthyl acetate (isomer unspecified)	16409-45-3	240-459-6		5-10%	EH C2;H411,-
d,l-Isomenthone	491-07-6	207-727-4		1-5%	BCI 2-08 1B;H315-H317,-
(+)-Neomenthol	2216-52-6	218-691-4		1-5%	BCI 2;H315,-
alpha-Terpineol	98-55-5	202-680-6		1-5%	BCI 2-EDI 2;H315-H319,-
d,l-Limonene (sum of isomers)	7705-14-8	231-732-0		1-5%	FL 3-BCI 2-08 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
beta-Caryophyllene	87-44-5	201-746-1		1-5%	08 1B-AH 1;H304-H317,-
Menthofuran	494-90-6	207-795-5		1-5%	ATO 4-BCI 2-EDI 2-EH C2;H302-H315-H319-H411,-
Pulegone	89-82-7	201-943-2		1-5%	ATO 4;H302,-
cis-beta-Ocimene	3338-55-4	222-081-3		1-5%	FL 3-BCI 2-AH 1-EH A1-EH C2;H226-H304-H315-H400-H411,-
beta-Pinene	127-91-3	204-872-5		1-5%	FL 3-BCI 2-08 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
4-Canvomenthenol	562-74-3	209-235-5		1-5%	ATO 4-BCI 2-EDI 2;H302-H315-H319,-
p-Mentha-1,4-diene	99-85-4	202-794-6		1-5%	FL 3-AH 1;H226-H304,-
alpha-Pinene	80-56-8	201-291-9		0.1-1%	FL 3-ATO 4-BCI 2-08 1B-AH 1-EH A1-EH C1;H226-H302-H304-H315-H317-H410,-
Linalool	78-70-6	201-134-4		0.1-1%	BCI 2-EDI 2-08 1B;H315-H317-H319,-
Terpinolene	586-62-9	209-578-0		0.1-1%	08 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
Myrcene	123-35-3	204-622-5		0.1-1%	FL 3-BCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
cis-3-Octen-1-ol	20125-84-2			0.1-1%	ATO 4-ATI 4-BCI 2-EDI 2-EH A1;H302-H315-H319-H332-H400,-
Camphene	79-92-5	201-234-8		0.1-1%	FL 3-FS 2-EH A1-EH C1;H226-H228-H410,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	72 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

Explosive properties: Not expected

Oxidising properties: Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2540
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
4-Carvomenthenol	562-74-3	209-235-5	1300	2500	Not available	Not available
Menthofuran	494-90-6	207-795-5	500	Not available	Not available	Not available
Pulegone	89-82-7	201-943-2	470	3090	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN3082

14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d,l-Limonene (sum of isomers), beta-Pinene)

14.3 Transport hazard class(es): 9

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

Section 15. Regulatory information

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

RIFM ID Number: 275-E2.12

LM Unique Identifier: LM9048

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C2=45.45% EH C3=4.55% SCI 2=11.39% SS 1=3.64% AH 1=92.17%

Total Fractional Values: EH C2=2.20 EH C3=22.00 SCI 2=8.78 SS 1=27.50 AH 1=1.09

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
F0 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Peppermint Oil, English T121

Version: 1

P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
GCI 2	Skin Corrosion / Irritation Category 2
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Geranium, Egyptian Oil; CAS: 8000-46-2

Other identifiers: Pelargonium graveolens

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House

Mill Lane

Alton

Hampshire

GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 1

Sensitization - Skin Category 1

Hazardous to the Aquatic Environment - Long-term Hazard Category 3

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H412, Harmful to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T178

Version: 1

Hazard statements: H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H412, Harmful to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310, Immediately call a POISON CENTER or doctor/physician.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Geranium, Egyptian Oil; CAS: 8000-46-2

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
di-Citronellol	106-22-9	203-375-0		20-≤50%	SCI 2-ED1 2-08 1B; H315-H317-H318,-
Geraniol	106-24-1	203-377-1		10-≤20%	SCI 2-ED1 1-08 1B; H315-H317-H318,-
Citronellyl formate	105-85-1	203-338-9		5-≤10%	SCI 2-08 1B;H315- H317,-

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

d,-Isomenthone	491-07-6	207-727-4		5-<10%	GCI 2-SB 1B;H315-H317,-
Linalool	78-70-6	201-134-4		5-<10%	GCI 2-EDI 2-SB 1B; H315-H317-H319,-
Geranyl formate	105-86-2	203-339-4		1-<5%	SS 1B;H317,-
Menthone	10458-14-7	233-944-9		1-<5%	GCI 2-SB 1B;H315-H317,-
beta-Caryophyllene	87-44-5	201-746-1		1-<5%	SS 1B-AH 1;H304-H317,-
Geraniol	141-27-5	205-476-5		1-<5%	GCI 2-EDI 2-SB 1B; H315-H317-H319,-
cis-Rose oxide	876-17-5			1-<5%	GCI 2-EDI 2-REP 2; H315-H319-H361,-
Geranyl acetate	105-87-3	203-341-5		1-<5%	GCI 2-SB 1B-EH C3; H315-H317-H412,-
Citronellyl butyrate	141-16-2	205-463-4		0.1-<1%	SS 1B-EH A1-EH C1; H317-H410,-
alpha-Pinene	80-56-8	201-291-9		0.1-<1%	FL 3-ATO 4-GCI 2-SB 1B-AH 1-EH A1-EH C1; H226-H302-H304-H315-H317-H410,-
Neral	106-26-3	203-379-2		0.1-<1%	GCI 2-EDI 2-SB 1B; H315-H317-H319,-
Nerol	106-25-2	203-378-7		0.1-<1%	GCI 2-EDI 1-SB 1B; H315-H317-H318,-
d,-Limonene (sum of isomers)	7705-14-8	231-732-0		0.1-<1%	FL 3-GCI 2-SB 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Citronellal	106-23-0	203-376-6		0.1-<1%	GCI 2-EDI 2-SB 1B; H315-H317-H319,-
6-Methyl-3,5-heptadien-2-one	1604-28-0	216-507-7		0.1-<1%	GCI 2-EDI 2-SB 1B; H315-H317-H319,-
beta-Pinene	127-91-3	204-872-5		0.1-<1%	FL 3-GCI 2-SB 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Terpinolene	586-62-9	209-578-0		0.1-<1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
Myrcene	123-35-3	204-622-5		0.1-<1%	FL 3-GCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

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

Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	80 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

Explosive properties: Not expected

Oxidising properties: Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 1
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture

Not Applicable

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: Not classified

14.2 UN Proper Shipping Name: -

14.3 Transport hazard class(es): Not classified

Sub Risk: Not classified

14.4. Packing Group: Not classified

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

Section 15. Regulatory information

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

RIFM ID Number: 545-E2.12

LM Unique Identifier: LM1953

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C3=13.81% SCI 2=13.25% EDI 1=21.66% EDI 2=5.51% SS 1=2.86%

Total Fractional Values: EH C3=7.24 SCI 2=7.55 EDI 1=4.62 EDI 2=18.15 SS 1=35.00

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
ED1 1	Eye Damage / Irritation Category 1
ED1 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361	Suspected of damaging fertility or the unborn child (exposure route).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Geranium, Egyptian Oil T176

Version: 1

P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
REP 2	Toxic to Reproduction Category 2
SC1 2	Skin Corrosion / Irritation Category 2
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Rosemary Oil; CAS: 8000-25-7; REACH REG: 01-2120088955-39

Other identifiers: Rosmarinus officinalis

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House

Mill Lane

Alton

Hampshire

GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 3
Acute Toxicity - Oral Category 4
Skin Corrosion / Irritation Category 2
Sensitization - Skin Category 1B
Specific Target Organ Toxicity (Single Exposure) Category 2
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H371, May cause damage to organs (organs, exposure route).

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

Class and category of danger: H410, Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H371, May cause damage to organs (organs, exposure route).
H410, Very toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P260, Do not breathe vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P270, Do not eat, drink or smoke when using this product.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P309/311, IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P330, Rinse mouth.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Rosemary Oil; CAS: 8000-25-7; REACH REG: 01-2120088955-39

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Eucalyptol	470-82-6	207-431-5		20-≤50%	FL 3-SS 1B;H226-H317,-
1,7,7-Trimethylbicyclo [2,2,1]heptan-2-one	76-22-2	200-945-0		10-≤20%	FS 2-ATO 4-ATI 4-OTO-0E 2;H228-H302-H332-H371,-
alpha-Pinene	80-56-8	201-291-9		10-≤20%	FL 3-ATO 4-OCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H302-H304-H315-H317-H410,-
Camphene	79-92-5	201-234-8		5-≤10%	FL 3-FS 2-EH A1-EH C1;H226-H228-H410,-
beta-Pinene	127-91-3	204-872-5		5-≤10%	FL 3-OCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
d,L-Limonene (sum of isomers)	7705-14-8	231-732-0		1-≤5%	FL 3-OCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
beta-Caryophyllene	87-44-5	201-746-1		1-≤5%	SS 1B-AH 1;H304-H317,-
alpha-Terpineol	98-55-5	202-680-6		1-≤5%	OCI 2-EDI 2;H315-H319,-
p-Cymene	99-87-6	202-796-7		1-≤5%	FL 3-AH 1-EH C2;H226-H304-H411,-
p-Mentha-1,4-diene	99-85-4	202-794-6		1-≤5%	FL 3-AH 1;H226-H304,-
Myrcene	123-35-3	204-622-5		1-≤5%	FL 3-OCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
Linalool	78-70-6	201-134-4		1-≤5%	OCI 2-EDI 2-SS 1B;H315-H317-H319,-
delta-3-Carene	13465-78-9	236-719-3		0.1-≤1%	FL 3-OCI 2-SS 1-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Terpinolene	586-62-9	209-579-0		0.1-≤1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

1-Octen-3-ol	3391-86-4	222-226-0		0,1-<1%	ATO 4-AT14-8CI 2-ED1 2-EH A1;H302-H315- H319-H332-H400,-
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Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

May cause damage to organs (organs, exposure route).

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	43 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Acute Toxicity - Oral Category 4
Acute Toxicity Oral	1681

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1B
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Specific Target Organ Toxicity (Single Exposure) Category 2
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
1,7,7-Trimethylbicyclo [2.2.1]heptan-2-one	76-22-2	200-945-0	1500	Not available	11	Not available
alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1169

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

RIFM ID Number: 222-E2.12

LM Unique Identifier: LM6045

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH A1=71.31% EH C1=74.74% EH C2=7.40% EH C3=0.74019245% EH C4=68.12% SCI 2=32.79% SS 1=2.86% STO-SE 2=57.14% AH 1=23.98%

Total Fractional Values: EH A1=1.40 EH C1=1.34 EH C2=13.51 EH C3=135.10 EH C4=1.47 SCI 2=3.05 SS 1=35.00 STO-SE 2=1.75 AH 1=4.17

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
FS 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

H332	Harmful if inhaled.
H371	May cause damage to organs (organs, exposure route).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off Immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	if skin irritation occurs: Get medical advice/attention.
P333/313	if skin irritation or rash occurs: Get medical advice/attention.
P337/313	if eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
GCI 2	Skin Corrosion / Irritation Category 2
GG 1	Sensitization - Skin Category 1



SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Rosemary Oil T123

Version: 2

SS 1B	Sensitization - Skin Category 1B
STO-SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Tea Tree Oil; CAS: 68647-73-4; REACH REG: 01-2120743651-57

Other identifiers: Melaleuca alternifolia

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 3
Acute Toxicity - Oral Category 4
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1B
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

M factor: None

Supplemental information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P270, Do not eat, drink or smoke when using this product.
P272, Contaminated work clothing should not be allowed out of the workplace.
P273, Avoid release to the environment.
P280, Wear protective gloves/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330, Rinse mouth.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Tea Tree Oil; CAS: 88647-73-4; REACH REG: 01-2120743651-57

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
4-Carvomenthenol	562-74-3	209-235-5		20-≤50%	ATO 4-GCI 2-EDI 2; H302-H315-H319,-
p-Mentha-1,4-diene	99-85-4	202-794-6		20-≤50%	FL 3-AH 1;H226-H304,-
p-Mentha-1,3-diene	99-86-5	202-795-1		10-≤20%	FL 3-ATO 4-AH 1-EH C2;H226-H302-H304-H411,-
p-Cymene	99-87-6	202-796-7		1-≤5%	FL 3-AH 1-EH C2; H226-H304-H411,-
alpha-Terpineol	98-55-5	202-680-6		1-≤5%	GCI 2-EDI 2;H315-H319,-
Terpinolene	586-62-9	209-578-0		1-≤5%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
Eucalyptol	470-82-6	207-431-5		1-≤5%	FL 3-SS 1B;H226-H317,-
alpha-Pinene	80-56-8	201-291-9		1-≤5%	FL 3-ATO 4-GCI 2-SS 1B-AH 1-EH A1-EH C1; H226-H302-H304-H315-H317-H410,-
d,-Limonene (sum of isomers)	7705-14-8	231-732-0		1-≤5%	FL 3-GCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		1-≤5%	FL 3-GCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
beta-Caryophyllene	87-44-5	201-746-1		0.1-≤1%	SS 1B-AH 1;H304-H317,-
Linalool	78-70-6	201-134-4		0.1-≤1%	GCI 2-EDI 2-SS 1B; H315-H317-H319,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	59 °C

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Acute Toxicity - Oral Category 4
Acute Toxicity Oral	1900
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

Serious eye damage/irritation: Eye Damage / Irritation Category 2
Respiratory or skin sensitisation: Sensitization - Skin Category 1B
Germ cell mutagenicity: Based on available data the classification criteria are not met.
Carcinogenicity: Based on available data the classification criteria are not met.
Reproductive toxicity: Based on available data the classification criteria are not met.
STOT-single exposure: Based on available data the classification criteria are not met.
STOT-repeated exposure: Based on available data the classification criteria are not met.
Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
4-Carvomenthenol	562-74-3	209-235-5	1300	2500	Not available	Not available
alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available
p-Mentha-1,3-diene	99-86-5	202-795-1	1680	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1169

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: III

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

RIFM ID Number: 1176-E2.12

LM Unique Identifier: LM4668

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C2=26.04% EH C3=2.60% SCI 2=19.61% EDI 2=21.28% SS 1=25.00% AH 1=21.10%

Total Fractional Values: EH C2=3.84 EH C3=38.40 SCI 2=5.10 EDI 2=4.70 SS 1=4.00 AH 1=4.74

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Tea Tree Oil T125

Version: 2

P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
00 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Ho Wood Oil; CAS: 8022-91-1

Other identifiers: Cinnamomum camphora

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House

Mill Lane

Alton

Hampshire

GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Warning

Hazard statements: H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

M factor: None

Supplemental Information: None

Precautionary statements:

P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P272, Contaminated work clothing should not be allowed out of the workplace.
P280, Wear protective gloves/eye protection/face protection.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333/313, if skin irritation or rash occurs: Get medical advice/attention.
P337/313, if eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Ho Wood Oil; CAS: 8022-91-1

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Linalool	78-70-6	201-134-4		50-100%	SC12-ED1 2-SS 1B; H315-H317-H319,-
Estragole	140-67-0	205-427-8		0.1-<1%	ATO 4-SS 1B-MUT 2-CAR 2;H302-H317-H361-H351,-
d,-Limonene (sum of isomers)	7705-14-8	231-732-0		0.1-<1%	FL 3-SC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		0.1-<1%	FL 3-SC1 2-ED1 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

Section 4. First-aid measures

4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

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

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	80 °C
Evaporation rate:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	3270
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

Respiratory or skin sensitisation: Sensitization - Skin Category 1
Germ cell mutagenicity: Based on available data the classification criteria are not met.
Carcinogenicity: Based on available data the classification criteria are not met.
Reproductive toxicity: Based on available data the classification criteria are not met.
STOT-single exposure: Based on available data the classification criteria are not met.
STOT-repeated exposure: Based on available data the classification criteria are not met.
Aspiration hazard: Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture
Not Applicable

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity: Not available
12.2 Persistence and degradability: Not available
12.3 Bioaccumulative potential: Not available
12.4 Mobility in soil: Not available
12.5 Results of PBT and vPvB assessment:
This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:
Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: Not classified
14.2 UN Proper Shipping Name: -
14.3 Transport hazard class(es): Not classified
Sub Risk: Not classified
14.4. Packing Group: Not classified
14.5 Environmental hazards: Not environmentally hazardous for transport
14.6 Special precautions for user: None additional
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not classified

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

Section 15. Regulatory information

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

RIFM ID Number: 217-E2.12

LM Unique Identifier: LM8695

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: SCI 2=10.10% EDI 2=10.10% SS 1=1.01%

Total Fractional Values: SCI 2=9.90 EDI 2=9.90 SS 1=99.00

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
CAR 2	Carcinogenicity Category 2
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects (exposure route).
H351	Suspected of causing cancer (exposure route).
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
MUT 2	Germ Cell Mutagenicity Category 2
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Ho Wood Oil T202

Version: 1

P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off Immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308/313	IF exposed or concerned: Get medical advice/attention.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
GCl 2	Skin Corrosion / Irritation Category 2
G0 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Lavender French Oil; CAS: 8000-28-0; REACH REG: 01-2120746582-51

Other identifiers: Lavandula angustifolia

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House

Mill Lane

Alton

Hampshire

GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1B
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H412, Harmful to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Lavender French Oil; CAS: 8000-28-0; REACH REG: 01-2120746582-51

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Linalyl acetate	115-95-7	204-116-4		20-≤50%	SC1 2-ED1 2-SS 1; H315-H317-H319,-
Linalool	78-70-6	201-134-4		20-≤50%	SC1 2-ED1 2-SS 1B; H315-H317-H319,-
beta-Caryophyllene	87-44-5	201-746-1		1-≤5%	SS 1B-AH 1;H304-H317,-
cis-beta-Ocimene	3338-55-4	222-081-3		1-≤5%	FL 3-SC1 2-AH 1-EH A1-EH C2;H226-H304-H315-H400-H411,-
4-Carvomenthenol	562-74-3	209-235-5		1-≤5%	ATO 4-SC1 2-ED1 2; H302-H315-H319,-
alpha-Terpineol	98-55-5	202-680-6		1-≤5%	SC1 2-ED1 2;H315-H319,-
Eucalyptol	470-82-6	207-431-5		1-≤5%	FL 3-SS 1B;H226-H317,-
Neryl acetate	141-12-8	205-459-2		0.1-≤1%	SC1 2-SS 1B;H315-H317,-
1-Octen-3-yl acetate	2442-10-6	219-474-7		0.1-≤1%	ATO 4-SS 1B;H302-H317,-
Geranyl acetate	105-87-3	203-341-5		0.1-≤1%	SC1 2-SS 1B-EH C3; H315-H317-H412,-
Geraniol	106-24-1	203-377-1		0.1-≤1%	SC1 2-ED1 1-SS 1B; H315-H317-H319,-
Myrcene	123-35-3	204-622-5		0.1-≤1%	FL 3-SC1 2-ED1 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
d,L-Limonene (sum of isomers)	7705-14-8	231-732-0		0.1-≤1%	FL 3-SC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
1-Octen-3-ol	3391-86-4	222-226-0		0.1-≤1%	ATO 4-ATI 4-SC1 2-ED1 2-EH A1;H302-H315-H319-H332-H400,-
Terpinolene	586-62-9	209-578-0		0.1-≤1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
beta-Pinene	127-91-3	204-872-5		0.1-≤1%	FL 3-SC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
delta-3-Carene	13466-78-9	236-719-3		0.1-≤1%	FL 3-SC1 2-SS 1-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Nerol	106-25-2	203-378-7		0.1-≤1%	SC1 2-ED1 1-SS 1B; H315-H317-H319,-
Coumarin	91-64-5	202-086-7		0.1-≤1%	ATO 4-SS 1B;H302-H317,-
Camphene	79-92-5	201-234-8		0.1-≤1%	FL 3-F8 2-EH A1-EH C1;H226-H228-H410,-

Section 4. First-aid measures

4.1 Description of first aid measures

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

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

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	75 °C
Evaporation rate:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	>5000
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

Respiratory or skin sensitisation: Sensitization - Skin Category 1B
Germ cell mutagenicity: Based on available data the classification criteria are not met.
Carcinogenicity: Based on available data the classification criteria are not met.
Reproductive toxicity: Based on available data the classification criteria are not met.
STOT-single exposure: Based on available data the classification criteria are not met.
STOT-repeated exposure: Based on available data the classification criteria are not met.
Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
4-Carvomenthenol	562-74-3	209-235-5	1300	2500	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: Not classified

14.2 UN Proper Shipping Name: -

14.3 Transport hazard class(es): Not classified

Sub Risk: Not classified

14.4. Packing Group: Not classified

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

Section 15. Regulatory information

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

RIFM ID Number: 169-F2.12

LM Unique Identifier: LM5203

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C3=16.95% SCI 2=12.20% EDI 2=11.66% SS 1=2.50% AH 1=83.33%

Total Fractional Values: EH C3=5.90 SCI 2=8.20 EDI 2=8.58 SS 1=40.00 AH 1=1.20

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
FS 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Lavender French Oil T180

Version: 2

P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
GCI 2	Skin Corrosion / Irritation Category 2
GG 1	Sensitization - Skin Category 1
GG 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Bergamot Oil; CAS: 8007-75-8

Other identifiers: Citrus bergamia

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 1
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.
H319, Causes serious eye irritation.
H410, Very toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

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.
H318, Causes serious eye irritation.
H410, Very toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

Pictograms:



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Bergamot Oil; CAS: 8007-75-8

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
d,L-Limonene (sum of isomers)	7705-14-8	231-732-0		20-<50%	FL 3-OC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Linalyl acetate	115-95-7	204-116-4		20-<50%	OC1 2-ED1 2-SS 1; H315-H317-H319,-
Linalool	78-70-6	201-134-4		10-<20%	OC1 2-ED1 2-SS 1B; H315-H317-H319,-
p-Mentha-1,4-diene	99-85-4	202-794-6		5-<10%	FL 3-AH 1;H226-H304,-
beta-Pinene	127-91-3	204-872-5		5-<10%	FL 3-OC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
alpha-Pinene	80-56-8	201-291-9		1-<5%	FL 3-ATO 4-OC1 2-SS 1B-AH 1-EH A1-EH C1; H226-H302-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		1-<5%	FL 3-OC1 2-ED1 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
Geranyl acetate	105-87-3	203-341-5		0.1-<1%	OC1 2-SS 1B-EH C3; H315-H317-H412,-
Neryl acetate	141-12-8	205-459-2		0.1-<1%	OC1 2-SS 1B;H315-H317,-
Geraniol	141-27-5	205-476-5		0.1-<1%	OC1 2-ED1 2-SS 1B; H315-H317-H319,-
Terpinolene	586-62-9	209-578-0		0.1-<1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
beta-Caryophyllene	87-44-5	201-746-1		0.1-<1%	SS 1B-AH 1;H304-H317,-
Bisabolene	495-62-5	207-805-8		0.1-<1%	OC1 2-SS 1B-AH 1; H304-H315-H317,-
Neral	106-26-3	203-379-2		0.1-<1%	OC1 2-ED1 2-SS 1B; H315-H317-H319,-
Nerol	106-25-2	203-378-7		0.1-<1%	OC1 2-ED1 1-SS 1B; H315-H317-H318,-
Geraniol	106-24-1	203-377-1		0.1-<1%	OC1 2-ED1 1-SS 1B; H315-H317-H318,-

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

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

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Not determined

Odour: Not determined

Odour threshold: Not determined

pH: Not determined

Melting point / freezing point: Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

Initial boiling point / range:	Not determined
Flash point:	59 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	Not Applicable

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.
Aspiration hazard:	Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1189

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

RIFM ID Number: 1091-G2.5

LM Unique Identifier: LM2308

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH A1=55.07% EH C1=56.82% EH C2=5.66% EH C3=0.56637970% EH C4=55.07% SCI 2=10.65% EDI 2=18.90% SS 1=2.86% AH 1=17.87%

Total Fractional Values: EH A1=1.82 EH C1=1.76 EH C2=17.66 EH C3=176.56 EH C4=1.82 SCI 2=9.39 EDI 2=5.29 SS 1=35.00 AH 1=5.60

Key to revisions:

Concentration % Limits

SECTION 3: Composition/information on ingredients

Total Fractional Values

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Bergamot Oil T102

Version: 4

H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
GCI 2	Skin Corrosion / Irritation Category 2
SB 1	Sensitization - Skin Category 1
SB 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: May Chang Oil; CAS: 68855-99-2; REACH REG: 01-2120118332-70

Other identifiers: Litsea cubeba

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House

Mill Lane

Alton

Hampshire

GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Skin Corrosion / Irritation Category 2
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
H411, Toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352, IF ON SKIN: Wash with plenty of soap and water.
P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P391, Collect spillage.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



Other hazards: None

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: May Chang Oil; CAS: 68855-99-2; REACH REG: 01-2120118332-70

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Geraniol	141-27-5	205-476-5		20-50%	SC1 2-ED1 2-SS 1B; H315+H317+H319,-
Neral	106-26-3	203-379-2		20-50%	SC1 2-ED1 2-SS 1B; H315+H317+H319,-
d,-Limonene (sum of isomers)	7705-14-8	231-732-0		10-20%	FL 3-SC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304+H315+H317-H410,-
Citronellal	106-23-0	203-376-6		1-5%	SC1 2-ED1 2-SS 1B; H315+H317+H319,-
alpha-Pinene	80-56-8	201-291-9		1-5%	FL 3-ATO 4-SC1 2-SS 1B-AH 1-EH A1-EH C1; H226+H302+H304-H315+H317-H410,-
Linalool	78-70-6	201-134-4		1-5%	SC1 2-ED1 2-SS 1B; H315+H317+H319,-
Geraniol	106-24-1	203-377-1		1-5%	SC1 2-ED1 1-SS 1B; H315+H317+H318,-
beta-Caryophyllene	87-44-5	201-746-1		1-5%	SS 1B-AH 1;H304-H317,-
Myrcene	123-35-3	204-622-5		1-5%	FL 3-SC1 2-ED1 2-AH 1-EH A1-EH C2;H226-H304+H315+H319-H400+H411,-
5-Methyl-5-hepten-2-one	110-93-0	203-816-7		1-5%	FL 3;H226,-
beta-Pinene	127-91-3	204-872-5		1-5%	FL 3-SC1 2-SS 1B-AH 1-EH A1-EH C1;H226-H304+H315+H317-H410,-
alpha-Terpineol	98-55-5	202-680-6		1-5%	SC1 2-ED1 2;H315-H318,-
Eucalyptol	470-82-6	207-431-5		1-5%	FL 3-SS 1B;H226-H317,-
Nerol	106-25-2	203-378-7		0.1-1%	SC1 2-ED1 1-SS 1B; H315+H317+H318,-
di-Citronellol	106-22-9	203-375-0		0.1-1%	SC1 2-ED1 2-SS 1B; H315+H317+H319,-
Camphene	79-92-5	201-234-8		0.1-1%	FL 3-FS 2-EH A1-EH C1;H226+H228+H410,-
Geranyl acetate	105-87-3	203-341-5		0.1-1%	SC1 2-SS 1B-EH C3; H315+H317+H412,-
Terpinolene	586-62-9	209-578-0		0.1-1%	SS 1B-AH 1-EH A1-EH C1;H304+H317+H410,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water.

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

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	71 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	>5000
Acute Toxicity Dermal	4800
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

STOT-repeated exposure: Based on available data the classification criteria are not met.

Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN3082

14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d,l)-Limonene (sum of isomers), alpha-Pinene)

14.3 Transport hazard class(es): 9

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

Section 15. Regulatory information

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

RIFM ID Number: 910-G2.12

LM Unique Identifier: LM7805

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C2=16.00% EH C3=1.60% SCI 2=10.72% EDI 2=9.93% SS 1=2.50%
AH 1=53.55%

Total Fractional Values: EH C2=6.25 EH C3=62.50 SCI 2=9.33 EDI 2=10.08 SS 1=40.00 AH 1=1.
87

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
FS 2	Flammable Solid, Hazard Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: May Chang Oil T174

Version: 2

P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	if skin irritation occurs: Get medical advice/attention.
P333/313	if skin irritation or rash occurs: Get medical advice/attention.
P337/313	if eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SC1 2	Skin Corrosion / Irritation Category 2
SD 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Eucalyptus Globulus Oil; CAS: 8000-48-4; REACH REG: 01-2119978250-37

Other identifiers: Eucalyptus globulus

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

Product uses: Fragrances, natural cosmetics and spa treatments

1.3 Details of the supplier of the safety data sheet

Company name: Absolute Aromas Ltd

Company address: 1 Absolute House
Mill Lane
Alton
Hampshire
GU34 2PX

Contact: Regulatory Affairs

E-Mail address: craig@absolute-aromas.com

Company phone: +44 (0) 1420 540 400

1.4 Emergency telephone number

Emergency phone: +44 (0) 1420 540 400

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Flammable Liquid, Hazard Category 3
Skin Corrosion / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
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.
H411, Toxic to aquatic life with long lasting effects.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

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.
H411, Toxic to aquatic life with long lasting effects.

M factor: None

Supplemental Information: None

Precautionary statements: P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233, Keep container tightly closed.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapour or dust.
P264, Wash hands and other contacted skin 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/eye protection/face protection.
P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P331, Do not induce vomiting.
P333/313, If skin irritation or rash occurs: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391, Collect spillage.
P403/235, Store in a well-ventilated place. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2



Other hazards: None

Section 3. Composition / information on ingredients

3.1 Substances

Product identifier: Eucalyptus Globulus Oil; CAS: 8000-48-4; REACH REG: 01-2119978250-37

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Eucalyptol	470-82-6	207-431-5		50-100%	FL 3-03 1B;H226-H317,-
d,-Limonene (sum of isomers)	7705-14-8	231-732-0		5<-10%	FL 3-03 2-03 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
p-Cymene	99-87-6	202-796-7		5<-10%	FL 3-AH 1-EH C2; H226-H304-H411,-
p-Mentha-1,4-diene	99-85-4	202-794-6		5<-10%	FL 3-AH 1;H226-H304,-
alpha-Pinene	80-56-8	201-291-9		1<-5%	FL 3-ATO 4-03 2-03 1B-AH 1-EH A1-EH C1; H226-H302-H304-H315-H317-H410,-
Myrcene	123-35-3	204-622-5		1<-5%	FL 3-03 2-ED 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-
alpha-Terpineol	98-55-5	202-680-6		1<-5%	03 2-ED 2;H315-H319,-
beta-Pinene	127-91-3	204-872-5		0.1<-1%	FL 3-03 2-03 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
Terpinolene	586-62-9	209-578-0		0.1<-1%	03 1B-AH 1-EH A1-EH C1;H304-H317-H410,-
Geraniol	106-24-1	203-377-1		0.1<-1%	03 2-ED 1-03 1B; H315-H317-H318,-
Linalool	78-70-6	201-134-4		0.1<-1%	03 2-ED 2-03 1B; H315-H317-H319,-

Section 4. First-aid measures

4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.

7.3 Specific end use(s):

Fragrances, natural cosmetics and spa treatments: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	42 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	2331
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available
Skin corrosion/irritation:	Skin Corrosion / Irritation Category 2
Serious eye damage/irritation:	Based on available data the classification criteria are not met.
Respiratory or skin sensitisation:	Sensitization - Skin Category 1
Germ cell mutagenicity:	Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive toxicity:	Based on available data the classification criteria are not met.
STOT-single exposure:	Based on available data the classification criteria are not met.
STOT-repeated exposure:	Based on available data the classification criteria are not met.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
alpha-Pinene	80-56-8	201-291-9	500	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

14.1 UN number: UN1169

14.2 UN Proper Shipping Name: EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

RIFM ID Number: 5574-E2.12

LM Unique Identifier: LM4925

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Eucalyptus Globulus Oil T109

Version: 2

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C2=17.54% EH C3=1.75% SCI 2=67.80% SS 1=1.21% AH 1=37.95%

Total Fractional Values: EH C2=5.70 EH C3=57.00 SCI 2=1.48 SS 1=82.50 AH 1=2.64

Key to revisions:

Product identifier

Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATO 4	Acute Toxicity - Oral Category 4
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

SAFETY DATA SHEET

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P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.