



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Tea tree & Geranium Reed Diffuser

SUPPLIER: Amphora Aromatics Ltd, 36 Cotham Hill, Cotham, Bristol BS6 6LA

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 1387 & R1387

IDENTIFIED USES: Reed Diffuser Liquid

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

PHYSICAL HAZARDS

HEALTH HAZARDS

Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 1

Sensitization - Skin Category 1

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

ENVIRONMENTAL HAZARDS

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

H412, Harmful to aquatic life with long lasting effects.

CLASSIFICATION (67/548/EEC OR
1999/45/EC):

Xi, Irritant.

RISK PHRASES

R36/38, Irritating to eyes and skin.

R43, May cause sensitisation by skin contact.

R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

LABEL ELEMENTS

PICTOGRAM



SIGNAL WORD

DANGER

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.



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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.

CONTAINS

Geranyl acetate, Terpinolene, alpha-Pinene, d,l-Isomenthone. May produce an allergic reaction.

3: COMPOSITION/INFORMATION ON INGREDIENTS

80.00% 2,2-dimethyl-1,3-dioxolan-4- ylmethanol

CAS NUMBER: 100-79-8

EC NUMBER: 202-888-7

CLASSIFICATION FOR (DSD)67/548/EEC

Xi ; R36

CLASSIFICATION FOR CLP) 1272/2008

H319,-

20.00% Tea Tree & GeraniumEQA87500

CAS NUMBER: N/A

EC NUMBER: N/A

CLASSIFICATION FOR (DSD)67/548/EEC

Xi-N ; R38-R41-R43-R51/53

CLASSIFICATION FOR CLP) 1272/2008

SCI 2-EDI 1-SS 1-EH C3; H315-H317-H318-H412,-

6.43% dl-Citronellol

CAS NUMBER: 106-22-9

EC NUMBER: 203-375-0

CLASSIFICATION FOR (DSD)67/548/EEC

Xi-N ; R38-R43-R51/53

CLASSIFICATION FOR CLP) 1272/2008

SCI 2-EDI 2-SS 1B;H315-H317-H319,-

3.07% Geraniol

CAS NUMBER: 106-24-1

EC NUMBER: 203-377-1

CLASSIFICATION FOR (DSD)67/548/EEC

Xi ; R38-R41-R43

CLASSIFICATION FOR CLP) 1272/2008

SCI 2-EDI 1-SS 1;H315-H317-H318,-

1.54% Linalool

CAS NUMBER: 78-70-6

EC NUMBER: 201-134-4

CLASSIFICATION FOR (DSD)67/548/EEC

Xi ; R38

CLASSIFICATION FOR CLP) 1272/2008

SCI 2-EDI 2;H315-H319,-

1.20% 4-Carvomenthenol

CAS NUMBER: 562-74-3

EC NUMBER: 209-235-5

CLASSIFICATION FOR (DSD)67/548/EEC

XN ; R22-R38

CLASSIFICATION FOR CLP) 1272/2008

ATO 4-SCI 2-EDI 2;H302-H315-H319,-



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1.08% d,l-Isomenthone	
CAS NUMBER: 491-07-6	EC NUMBER: 207-727-4
CLASSIFICATION FOR (DSD)67/548/EEC	Xi ; R38-R43
CLASSIFICATION FOR CLP) 1272/2008	SCI 2-SS 1B;H315-H317,-
0.60% p-Mentha-1,4-diene	
CAS NUMBER: 99-85-4	EC NUMBER: 202-794-6
CLASSIFICATION FOR (DSD)67/548/EEC	Xn ; R10-R65
CLASSIFICATION FOR CLP) 1272/2008	FL 3-AH 1;H226-H304,-
0.30% p-Mentha-1,3-diene	
CAS NUMBER: 99-86-5	EC NUMBER: 202-795-1
CLASSIFICATION FOR (DSD)67/548/EEC	Xn-N ; R10-R22-R65-R51/53
CLASSIFICATION FOR CLP) 1272/2008	FL 3-ATO 4-AH 1-EH C2; H226-H302-H304-H411,-
0.28% Tetrahydro-4-methyl-2-(2-methylpropen-1-yl)pyran	
CAS NUMBER: 16409-43-1	EC NUMBER: 240-457-5
CLASSIFICATION FOR (DSD)67/548/EEC	Xn ; R38-R62
CLASSIFICATION FOR CLP) 1272/2008	SCI 2-EDI 2-REP 2;H315-H319-H361,-
0.19% Geranyl acetate	
CAS NUMBER: 105-87-3	EC NUMBER: 203-341-5
CLASSIFICATION FOR (DSD)67/548/EEC	Xi-N ; R38-R43-R51/53
CLASSIFICATION FOR CLP) 1272/2008	SCI 2-SS 1B-EH C3;H315-H317-H412,-
0.17% Terpinolene	
CAS NUMBER: 586-62-9	EC NUMBER: 209-578-0
CLASSIFICATION FOR (DSD)67/548/EEC	Xn-N ; R43-R65-R50/53
CLASSIFICATION FOR CLP) 1272/2008	SS 1B-AH 1-EH A1-EH C1; H304-H317-H410,-
0.17% beta-Caryophyllene	
CAS NUMBER: 87-44-5	EC NUMBER: 201-746-1
CLASSIFICATION FOR (DSD)67/548/EEC	Xn ; R65
CLASSIFICATION FOR CLP) 1272/2008	AH 1;H304,-
0.15% alpha-Pinene	
CAS NUMBER: 80-56-8	EC NUMBER: 201-291-9
CLASSIFICATION FOR (DSD)67/548/EEC	Xn ; R10-R38-R43-R65
CLASSIFICATION FOR CLP) 1272/2008	FL 3-SCI 2-SS 1B-AH 1; H226-H304-H315-H317,-
0.15% p-Cymene	
CAS NUMBER: 99-87-6	EC NUMBER: 202-796-7
CLASSIFICATION FOR (DSD)67/548/EEC	Xn-N ; R10-R65-R51/53
CLASSIFICATION FOR CLP) 1272/2008	FL 3-AH 1-EH C2;H226-H304-H411,-
0.08% d,l-Limonene (isomer unspecified)	
CAS NUMBER: 7705-14-8	EC NUMBER: 231-732-0
CLASSIFICATION FOR (DSD)67/548/EEC	Xn-N ; R10-R38-R43-R65- R50/53
CLASSIFICATION FOR CLP) 1272/2008	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H304-H315-H317-H410,-
0.02% Myrcene	
CAS NUMBER: 123-35-3	EC NUMBER: 204-622-5
CLASSIFICATION FOR (DSD)67/548/EEC	Xn ; R10-R38-R65
CLASSIFICATION FOR CLP) 1272/2008	FL 3-SCI 2-EDI 2-AH 1; H226-H304-H315-H319,-

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SDS: 1387 & R1387 Tea Tree & Geranium Reed Diffuser

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 20/03/2019 - Version: 1



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4: FIRST AID MEASURES

INHALATION	No data available.
INGESTION	No data available.
SKIN CONTACT	Wash with plenty of soap and water.
EYE CONTACT	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
GENERAL INFORMATION	Immediately call a POISON CENTER or doctor/physician. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.
NOTES FOR THE DOCTOR	No data available.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide, Dry chemical, Foam.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:	Carbon monoxide, Unidentified organic compounds.
ADVICE FOR FIRE FIGHTERS:	In case of insufficient ventilation, wear suitable respiratory equipment.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, surface and ground water, and soil.
CLEANING UP METHODS FOR SPILLAGES:	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.

7: HANDLING AND STORAGE

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.
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.
SPECIFIC END USE(S):	Reed Diffuser Liquid: Use in accordance with good manufacturing and industrial hygiene practices.



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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



EYE/FACE PROTECTION

HAND PROTECTION

RESPIRATORY PROTECTION

Wear protective eye protection/face protection

Wear protective gloves.

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:

- Increase ventilation of the area with local exhaust ventilation.
- Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters.
- Use closed systems for transferring and processing this material.

9: PHYSICAL AND CHEMICAL PROPERTIES

COLOUR	Not determined
APPEARANCE	Not determined
ODOUR	Not determined
FLASH POINT °C	>61°
SPECIFIC GRAVITY @ 20°C:	Not determined
REFRACTIVE INDEX @ 20°C	Not determined

10: STABILITY AND REACTIVITY

REACTIVITY:	Presents no significant reactivity hazard, by itself or in contact with water.
STABILITY:	Good stability under normal storage conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	Not expected under normal conditions of use.
CONDITIONS TO AVOID:	Avoid extreme heat.
INCOMPATIBLE MATERIALS:	Avoid contact with strong acids, alkalis or oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not expected.



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11: TOXICOLOGICAL INFORMATION

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP)

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE ORAL TOXICITY: >5000

ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE DERMAL TOXICITY: >5000

ASSUMED TOXICITY VALUE (LC50 OR ATE) FOR ACUTE INHALATION TOXICITY: Not Available

INHALATION ROUTE: Not Available

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

12: ECOLOGICAL INFORMATION

ECOTOXICITY Harmful to aquatic life with long lasting effects.

PERSISTENCE AND DEGRADABILITY Not available

BIOACCUMULATIVE POTENTIAL Not available

MOBILITY IN SOIL Not available

RESULTS OF PBT AND VPVB ASSESSMENT This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

13: DISPOSAL CONSIDERATIONS

DISPOSAL 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.

14: TRANSPORT INFORMATION

UN NO. Not classified

PROPER SHIPPING NAME Not classified

TRANSPORT HAZARD CLASS(ES) Not classified

PACKING GROUP Not classified

ENVIRONMENTALLY HAZARDOUS Not environmentally hazardous for transport.

SUBSTANCE/MARINE POLLUTANT

TRANSPORT IN BULK ACCORDING TO ANNEX II Not classified

OF MARPOL73/78 AND THE IBC CODE

15: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL

REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

EU LEGISLATION None additional

GUIDANCE None additional



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16: OTHER INFORMATION

CONCENTRATION % LIMITS: EH C3=56.06% SCI 2=37.14% EDI 1=48.82% EDI 2=6.25% SS 1=15.55%
TOTAL FRACTIONAL VALUES: EH C3=1.78 SCI 2=2.69 EDI 1=2.05 EDI 2=16.01 SS 1=6.43

KEY TO ABBREVIATIONS

ABBREVIATION	MEANING
AH1	Aspiration Hazard Category 1
ATI 4	Acute Toxicity - Inhalation Category 4
ATD 4	Acute Toxicity - Dermal 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.
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.
H332	Harmful if inhaled.
H341	Suspected of causing genetic defects (exposure route).
H351	Suspected of causing cancer (exposure route).
H361	Suspected of damaging fertility or the unborn child (exposure route).
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.
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.



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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
P281	Use personal protective equipment as required.
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.
P308/313	IF exposed or concerned: Get medical advice/attention.
P309/311	IF exposed or if you feel unwell: Call a POISON CENTRE or doctor/physician.
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.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B
STO-SE 2	Specific Target Organ Toxicity (Single Exposure) Category 2

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

Retest after 6 months.

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The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.