



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**SAFETY DATA SHEET**

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

PRODUCT NAME: Rosemary and Thyme Reed Diffuser

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 1377 & R1377

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 2

Sensitization - Skin Category 1

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

ENVIRONMENTAL HAZARDS

Hazardous to the Aquatic Environment - Long-term Hazard Category 2

H411, Toxic to aquatic life with long lasting effects.

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

N, Dangerous for the environment.

Xi, Irritant.

RISK PHRASES

R36, Irritating to eyes and skin.

R43, May cause sensitisation by skin contact.

R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**LABEL ELEMENTS**

PICTOGRAM



SIGNAL WORD



WARNING

HAZARD STATEMENTS

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.



AMPHORA AROMATICS  
LIMITED

essential oils, skincare & aromatherapy products

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

CONTAINS

alpha-Pinene, beta-Pinene, d,l-Limonene (isomer unspecified). May produce an allergic reaction.

**3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>80.00% 2,2-dimethyl-1,3-dioxolan-4-ylmethanol</b>	
CAS NUMBER: 100-79-8	EC NUMBER: 202-888-7
CLASSIFICATION FOR (DSD)67/548/EEC	Xi ; R36
CLASSIFICATION FOR CLP) 1272/2008	H319,-
<b>20.00% Rosemary &amp; Thyme blend EQA84050</b>	
CAS NUMBER: N/A	EC NUMBER: N/A
CLASSIFICATION FOR (DSD)67/548/EEC	XN-N ; R10-R38-R43-R65-R51/53
CLASSIFICATION FOR CLP) 1272/2008	FL 3-SCI 2-EDI 2-SS 1-AH 1-EH C2;H226-H304-H315-H317-H319-H411,-
<b>4.75% 1,4-Cineole</b>	
CAS NUMBER: 470-67-7	EC NUMBER: 207-428-9
CLASSIFICATION FOR (DSD)67/548/EEC	- ; R10
CLASSIFICATION FOR CLP) 1272/2008	FL 3;H226,-
<b>4.56% Eucalyptol</b>	
CAS NUMBER: 470-82-6	EC NUMBER: 207-431-5
CLASSIFICATION FOR (DSD)67/548/EEC	Xi ; R10-R43
CLASSIFICATION FOR CLP) 1272/2008	FL 3-SS 1B;H226-H317,-
<b>3.38% alpha-Pinene</b>	
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,-
<b>1.66% 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one</b>	
CAS NUMBER: 76-22-2	EC NUMBER: 200-945-0
CLASSIFICATION FOR (DSD)67/548/EEC	F-XN ; R11-R20/22-R68/22
CLASSIFICATION FOR CLP) 1272/2008	FS 2-ATO 4-ATI 4-STO-SE 2;H228-H302-H332-H371,-

SDS: 1377 & R1377 Rosemary & Thyme Reed Diffuser

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



AMPHORA AROMATICS  
LIMITED

essential oils, skincare & aromatherapy products

<b>0.71% Camphene</b>	
CAS NUMBER: 79-92-5	EC NUMBER: 201-234-8
CLASSIFICATION FOR (DSD)67/548/EEC	F-Xi-N ; R10-R11-R36-R50/53
CLASSIFICATION FOR CLP) 1272/2008	FL 3-FS 2-EDI 2-EH A1-EH C1;H226-H228-H319-H410,-
<b>0.69% d,l-Limonene (isomer unspecified)</b>	
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,-
<b>0.68% beta-Pinene</b>	
CAS NUMBER: 127-91-3	EC NUMBER: 204-872-5
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,-
<b>0.45% Thymol</b>	
CAS NUMBER: 89-83-8	EC NUMBER: 201-944-8
CLASSIFICATION FOR (DSD)67/548/EEC	C-N ; R22-R34-R51/53
CLASSIFICATION FOR CLP) 1272/2008	ATO 4-SCI 1B-EDI 1-EH C2;H302-H314-H411,-
<b>0.43% p-Cymene</b>	
CAS NUMBER: 99-87-61	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,-
<b>0.38% beta-Caryophyllene</b>	
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,-
<b>0.30% p-Mentha-1,4-dienel</b>	
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,-
<b>0.28% laevo-Bornyl acetatel</b>	
CAS NUMBER: 5655-61-8	EC NUMBER: 227-101-4
CLASSIFICATION FOR (DSD)67/548/EEC	Xi-N ; R38-R51/53
<b>0.25% Myrcene</b>	
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,-
<b>0.13% Isobornyl acetate</b>	
CAS NUMBER: 125-12-2	EC NUMBER: 204-727-6
CLASSIFICATION FOR (DSD)67/548/EEC	Xi-N ; R38-R51/53
<b>0.10% p-Mentha-1,3-diene</b>	
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,-



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**0.010% alpha-Phellandrene**

CAS NUMBER: 99-83-2

EC NUMBER: 202-792-5

CLASSIFICATION FOR (DSD)67/548/EEC

Xn ; R10-R65

CLASSIFICATION FOR CLP) 1272/2008

FL 3-AH 1;H226-H304,-

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

**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	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
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.



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**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:

- 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.

**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.



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**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 irritation.

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

ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE DERMAL TOXICITY: Not Applicable

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

INHALATION ROUTE: Not Available

INGREDIENT	CAS	EC	LD50/ATE	LD50/ATE	LC50/ATE	LC50
			ORAL	DERMAL	INHALATION	ROUTE
1,7,7 – Trimethylbicyclo [2.2.1]heptan-2-one	76-22- 2	200-945-0	1500	Not available	1.5	Dust/mist

**12: ECOLOGICAL INFORMATION**

ECOTOXICITY Toxic 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. UN3082

PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Rosemary & Thyme blend EQA84050, Camphene)

TRANSPORT HAZARD CLASS(es) 9

PACKING GROUP III

ENVIRONMENTALLY HAZARDOUS This is an environmentally hazardous substance.

SUBSTANCE/MARINE POLLUTANT

TRANSPORT IN BULK ACCORDING TO ANNEX II Not applicable

OF MARPOL73/78 AND THE IBC CODE



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

**15: REGULATORY INFORMATION**

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	None additional
EU LEGISLATION	None additional
GUIDANCE	None additional

**16: OTHER INFORMATION**

CONCENTRATION % LIMITS:	EH C2=86.69% EH C3=8.67% SCI 2=56.17% EDI 2=11.06% SS 1=21.93%
TOTAL FRACTIONAL VALUES:	EH C2=1.15 EH C3=11.54 SCI 2=1.78 EDI 2=9.04 SS 1=4.56

**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).
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.

SDS: 1377 & R1377 Rosemary & Thyme Reed Diffuser

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



**AMPHORA AROMATICS**  
LIMITED

**essential oils, skincare & aromatherapy products**

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.
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.
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

SDS: 1377 & R1377 Rosemary & Thyme Reed Diffuser

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



**AMPHORA AROMATICS  
LIMITED**

**essential oils, skincare & aromatherapy products**

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.

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.