



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Mandarin, Lime & Basil Reed Diffuser.**

SUPPLIER: Amphora Aromatics Limited, Airfield House, Western Drive, Bristol, BS14 0AF

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **1383 & R1383**

IDENTIFIED USES: Reed Diffuser Liquid.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not classified.
- HEALTH HAZARDS: Skin Corrosion / Irritation Category 2.
Eye Damage / Irritation Category 2
Sensitisation – Skin Category 1
- ENVIRONMENTAL HAZARDS: Hazardous to the Aquatic Environment – Long-term Hazard Category 2

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

PRECAUTIONARY STATEMENTS:

WARNING

H315 – Causes skin irritation.

H317 – May cause an allergic skin reaction

H319 – Causes serious eye irritation.

H411 – Toxic to aquatic life with long term effects.

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.

SDS: **1383 & R1383 Mandarin, Lime & Basil Reed Diffuser**

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SUPPLEMENTAL INFORMATION: EUH208, Contains Acetyl cedrene, Allyl cyclohexanepropionate, Citral, Estragole, Ethoxymethoxycyclododecane, Eucalyptol, Geranyl acetate, Hydroxycitronellal, Vetiverol, alpha-Methyl-1,3-benzodioxole-5-propionaldehyde, alpha-Pinene, alpha-iso-Methylionone, beta-Pinene, dl-Citronellol. May produce an allergic reaction.

3: COMPOSITION/INFORMATION ON INGREDIENTS

50 - 100% 2,2dimethyl-1, 3-dioxolan-4-ylmethanol	
CAS NUMBER: 100-79-8	EC NUMBER: 202-888-7
CLASSIFICATION (EC 1272/2008):	H319
5 - <10% Diethyl Phthalate	
CAS NUMBER: 84-66-2	EC NUMBER: 201-550-6
CLASSIFICATION (EC 1272/2008):	No data.
1 - <5% D-Limonene	
CAS NUMBER: 5989-27-5	EC NUMBER: 227-813-5
CLASSIFICATION (EC 1272/2008):	H226, H304, H315, H317, H410.
1 - <5% Linalool	
CAS NUMBER: 78-70-6	EC NUMBER: 201-134-4
CLASSIFICATION (EC 1272/2008):	H315, H319.
1 - <5% Linalyl Acetate	
CAS NUMBER: 115-95-7	EC NUMBER: 204-116-4
CLASSIFICATION (EC 1272/2008):	H315, H319
1 - <5% Dihydromyrcenol	
CAS NUMBER: 18479-58-8	EC NUMBER: 242-362-4
CLASSIFICATION (EC 1272/2008):	H319
1 - <5% Hydroxycitronellal	
CAS NUMBER: 107-75-5	EC NUMBER: 203-518-7
CLASSIFICATION (EC 1272/2008):	H317, H319
1 - <5% Alpha-Methyl-1,3-benzodioxole-5-propionaldehyde	
CAS NUMBER: 1205-17-0	EC NUMBER: 214-881-6
CLASSIFICATION (EC 1272/2008):	H317, H411.
1 - <5% Alpha-Terpineol	
CAS NUMBER: 98-55-5	EC NUMBER: 202-680-6
CLASSIFICATION (EC 1272/2008):	H315, H319.
1 - <5% Alpha-iso-Methylionone.	
CAS NUMBER: 98-55-5	EC NUMBER: 202-680-6
CLASSIFICATION (EC 1272/2008):	H315, H317, H411.
1 - <5% 2-(4-tert-Butylbenzyl)propionaldehyde	
CAS NUMBER: 84-66-2	EC NUMBER: 201-550-6
CLASSIFICATION (EC 1272/2008):	H302, H315, H317, H361, H411.
0.1 - <1% Estragole	
CAS NUMBER: 140-67-0	EC NUMBER: 205-427-8
CLASSIFICATION (EC 1272/2008):	H302, H317, H341, H351.
0.1 - <1% Acetyl Cedrene	
CAS NUMBER: 32388-55-9	EC NUMBER: 251-020-3
CLASSIFICATION (EC 1272/2008):	H317, H410.

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0.1 – 1% Allyl cyclohexanepropionate

CAS NUMBER: 2705-87-5

EC NUMBER: 220-292-5

CLASSIFICATION (EC 1272/2008):

H302, H312, H317, H332, H410.

0.1 - <1% Citral

CAS NUMBER: 5392-40-5

EC NUMBER: 226-394-6

CLASSIFICATION (EC 1272/2008):

H315, H317, H319

0.1 – 1% Eucalyptol

CAS NUMBER: 470-82-6

EC NUMBER: 207-431-5

CLASSIFICATION (EC 1272/2008):

H226, H317

0.1 - <1% Ethoxymethoxycyclododecane

CAS NUMBER: 58567-11-6

EC NUMBER: 261-332-1

CLASSIFICATION (EC 1272/2008):

H315, H317, H411.

0.1 - <1% Geranyl acetate

CAS NUMBER: 105-87-3

EC NUMBER: 203-341-5

CLASSIFICATION (EC 1272/2008):

H315, H317, H412

0.1 - <1% Thymol

CAS NUMBER: 89-83-8

EC NUMBER: 201-341-5

CLASSIFICATION (EC 1272/2008):

H302, H314, H411

0.1 - <1% Vetiverol

CAS NUMBER: 68129-81-7

EC NUMBER: 268-578-9

CLASSIFICATION (EC 1272/2008):

H315, H317, H319.

0.1 - <1% Alpha- Pinene

CAS NUMBER: 80-56--8

EC NUMBER: 201-291-9

CLASSIFICATION (EC 1272/2008):

H226, H304, H315, H317.

0.1 - <1% Beta- Pinene

CAS NUMBER: 127-91-3

EC NUMBER: 204-872-5

CLASSIFICATION (EC 1272/2008):

H226, H304, H315, H317

0.1 - <1% DI-Citronellol

CAS NUMBER: 106-22-9

EC NUMBER: 203-375-0

CLASSIFICATION (EC 1272/2008):

H315, H317, H319

The full text for all hazard statements is displayed in Section 16.

4: FIRST AID MEASURES

INHALATION:	Remove affected person to fresh air.
INGESTION:	Immediately rinse mouth and provide fresh air. Get medical advice/attention if symptoms persist.
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:	No data.
NOTES FOR THE DOCTOR:	Causes serious eye irritation.

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 FIREFIGHTERS:	Wear suitable respiratory equipment.

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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

USAGE PRECAUTIONS: Keep away from heat, sparks, open flames and hot surfaces. Use PPE as required Use in areas with adequate ventilation.

OCCUPATIONAL HYGIENE: Use in accordance with good manufacturing and industrial hygiene practices. Do not eat, drink or smoke when using this product.

STORAGE PRECAUTIONS: 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.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

WORKPLACE EXPOSURE LIMITS:

INGREDIENT	CAS	EC	DESCRIPTION	VALUE
Diethyl phthalate	84-66-2	201-550-6	Long term exposure limit (8-hour TWA) (mg/m ³)	5
			Short-term exposure limit (15-minute) (mg/m ³)	10

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS: No data.

EYE/FACE PROTECTION: Wear eye/face protection.

HAND PROTECTION: Wear protective gloves.

OTHER SKIN AND BODY PROTECTION: No data.

HYGIENE MEASURES: No data

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.

ENVIRONMENTAL EXPOSURE CONTROLS: No data



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9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Not determined.
COLOUR:	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.
CHEMICAL 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.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Based on available data the classification criteria are not met.
ACUTE TOXICITY ORAL:	>5000
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.
RESPIRATORY OR SKIN SENSITISATION:	Sensitisation – 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:

INGREDIENT	CAS	EC	LD50/ATE ORAL	LD50/ATE DERMAL	LC50/ATE INHALATION	LC50 ROUTE
2-(4-tert-Butybenzyl)propionaldehyde	80-54-6	201-289-8	1390	No Data	No Data	No Data

12: ECOLOGICAL INFORMATION

TOXICITY:	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:	The substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
PRECAUTIONS:	Not available.



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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 NUMBER:

UN3082.

PROPER SHIPPING NAME:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S. (d-Limonene, Acetyl cedrene)

TRANSPORT HAZARD CLASS(ES):

9



PACKING GROUP:

III

ENVIRONMENTAL HAZARDS:

This is an environmentally hazardous substance.



TRANSPORT IN BULK ACCORDING TO ANNEX II
OF MARPOL73/78 AND THE IBC CODE:

Not classified.

15: REGULATORY INFORMATION

EU LEGISLATION:

Regulation (EC) No. 1272/2008

16: OTHER INFORMATION

KEY TO ABBREVIATIONS:

Acute Tox. 4 Acute Toxicity - Oral Category 4

Acute Tox. 4 Acute Toxicity - Dermal Category 4

Acute Tox. 4 Acute Toxicity - Inhalation Category 4

Aquatic Acute 1 Hazardous to the Aquatic Environment - Acute Hazard Category 1

Aquatic Chronic 1 Hazardous to the Aquatic Environment - Long-term Hazard Category 1

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

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

Asp. Tox 1 Aspiration Hazard Category 1

Carc. 2 Carcinogenicity Category 2

Eye Dam. 1 Eye Damage / Irritation Category 1

Eye Irrit. 2 Eye Damage / Irritation Category 2

Flam. Liq. 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.

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- H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
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).
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.
Muta. 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.
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.
P301/330/331 If swallowed: Rinse mouth. Do not induce vomiting.
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.
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.

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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.

Repr. 2 Toxic to Reproduction Category 2

Skin Corr. 1B Skin Corrosion / Irritation Category 1B

Skin Irrit. 2 Skin Corrosion / Irritation Category 2

Skin Sens. 1 Sensitization - Skin Category 1

Skin Sens. 1B Sensitization - Skin Category 1B

Q.C. REQUIREMENTS.

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

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.