



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Orange and Clove Reed Liquid

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 1386 & R1386

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

R36/38, 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.

SDS: 1386 & R1386 Orange & Clove Reed Diffuser

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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.
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

Citral, Eugenol, alpha-Amylcinnamaldehyde, alpha-Hexylcinnamaldehyde, d,l-Limonene (isomer unspecified). May produce an allergic reaction.

3: COMPOSITION/INFORMATION ON INGREDIENTS

80 % 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 % Orange, Clove Cinnamon	
CAS NUMBER:	EC NUMBER:
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xn-N ; R21-R38-R43-R65 R50/53
CLASSIFICATION FOR CLP) 1272/2008	SCI 2-EDI 2-SS 1-AH 1-EH A1-EH C1;H304-H315-H317-H319-H410,-
7.34% 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,-
6.00% Cinnamaldehyde	
CAS NUMBER: 104-55-2	EC NUMBER: 203-213-9
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xn ; R21-R38-R43
CLASSIFICATION FOR CLP) 1272/2008	ATD 4-SCI 2-EDI 2-SS 1A; H312-H315-H317-H319,-
0.52% Eugenol	
CAS NUMBER: 97-53-0	EC NUMBER: 202-589-1
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xi ; R36-R43
CLASSIFICATION FOR CLP) 1272/2008	EDI 2-SS 1B;H317-H319,-
0.17% alpha-Amylcinnamaldehyde	
CAS NUMBER: 122-40-7	EC NUMBER: 204-541-5

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CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xi-N ; R38-R43-R51/53
CLASSIFICATION FOR CLP) 1272/2008	SS 1B-EH C2;H317-H411,-
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0.16% Benzyl benzoate	
CAS NUMBER: 120-51-4	EC NUMBER: 204-402-9
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xn-N ; R22-R51/53
CLASSIFICATION FOR CLP) 1272/2008	ATO 4-EH A1-EH C2; H302-H400-H411,-
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0.16% 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,-
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0.14% alpha-Hexylcinnamaldehyde	
CAS NUMBER: 101-86-0	EC NUMBER: 202-983-3
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xi-N ; R38-R43-R50/53
CLASSIFICATION FOR CLP) 1272/2008	SS 1B-EH A1-EH C2;H317- H400-H411,-
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0.12% Citral	
CAS NUMBER: 5392-40-5	EC NUMBER: 226-394-6
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xi ; R38-R43
CLASSIFICATION FOR CLP) 1272/2008	SCI 2-EDI 2-SS 1B;H315-H317-H319,-
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0.12% Octanal	
CAS NUMBER: 124-13-0	EC NUMBER: 204-683-8
CLASSIFICATION(FOR (DSD) 67/548/EEC)	Xi-N ; R10-R36/38-R51/53
CLASSIFICATION FOR CLP) 1272/2008	FL 3-SCI 2-EDI 2-EH C2; H226-H315-H319-H411,-
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0.11% 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,-

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.

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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: 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

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 irritation.

ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR >5000

ACUTE ORAL TOXICITY:

ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR >5000

ACUTE DERMAL TOXICITY:

ASSUMED TOXICITY VALUE (LC50 OR ATE) FOR Not Available

ACUTE INHALATION TOXICITY:

INHALATION ROUTE: Not Available

INFORMATION ABOUT HAZARDOUS INGREDIENTS IN THE MIXTURE

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	Lc50/ATE Inhalation	LC50 Route
Cinnamaldehyde	104-55-2	203-213-9	2500	1100	Not available	Not available

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. (d,l-Limonene (isomer unspecified), Orange, Clove Cinnamon)

TRANSPORT HAZARD CLASS(es)

9

PACKING GROUP

III

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE/MARINE POLLUTANT

This is an environmentally hazardous substance.

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

Not applicable



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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=17.04% EH C3=1.70% SCI 2=36.20% EDI 2=10.46% SS 1=1.67%
TOTAL FRACTIONAL VALUES:	EH C2=5.87 EH C3=58.69 SCI 2=2.76 EDI 2=9.56 SS 1=60.00

KEY TO ABBREVIATIONS

ABBREVIATION	MEANING
AH1	Aspiration Hazard Category 1
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
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.
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.

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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.
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

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.