



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Frangipani Fragrance**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **345**

IDENTIFIED USES: Concentrated material for manufacturing purposes only.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not Classified
- HEALTH HAZARDS: Skin Sens. 1 - H317
Repr. 2 - H361
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 3 - H412

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.



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**SUPPLEMENTARY PRECAUTIONARY
STATEMENTS:**

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing vapour/ spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

CONTAINS:

BUTYLPHENYL METHYLPROPIONAL, HYDROXYCITRONELLAL, LIMONENE, HEXYL CINNAMAL, HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE, BENZYL SALICYLATE , ALPHA-ISOMETHYL IONONE, DIMETHYL-3-CYCLOHEXENE-1- CARBALDEHYDE, 4-TERT-BUTYLCYCLOHEXYL ACETATE, METHYLENEDIOXYPHENYL METHYLPROPANAL, 3,7,7-TRIMETHYLBICYCLO[4.1.0]-3-HEPTENE (3-CARENE) , LONGIFOLENE, p-MENTHA-1,4(8)-DIENE (TERPINOLENE) , BETA PINENE, PIN-2(3)-ENE (ALPHA-PINENES), LEMON TERPENES

3: COMPOSITION/INFORMATION ON INGREDIENTS

1-5% BENZYL ACETATE

CAS number: 140-11-4

EC number: 205-399-7

Classification

Aquatic Chronic 3 - H412

1-5% HYDROXYCITRONELLAL

CAS number: 107-75-5

EC number: 203-518-7

Classification

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

1-5% BUTYLPHENYL METHYLPROPIONAL

CAS number: 80-54-6

EC number: 201-289-8

Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Skin Sens. 1 - H317

Repr. 2 - H361

Aquatic Chronic 2 - H411

1-5% LINALYL ACETATE

CAS number: 115-95-7

EC number: 204-116-4

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319



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1-5% LIMONENE

CAS number: 138-86-3	EC number: 205-341-0
M factor (Acute)	1
M factor (Chronic)	1
Classification	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

<1% HEXAMETHYLINDANOPYRAN

CAS number: 1222-05-5	EC number: 214-946-9
M factor (Acute)	1
M factor (Chronic)	1
Classification	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

<1% HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE

CAS number: 31906-04-4	EC number: 250-863-4
Classification	Skin Sens. 1B - H317

<1% DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE

CAS number: 27939-60-2	EC number: 248-742-6
Classification	Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411

<1% BENZYL SALICYLATE

CAS number: 118-58-1	EC number: 204-262-9
Classification	Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412

<1% HEXYL CINNAMAL

CAS number: 101-86-0	EC number: 202-983-3
M factor (Acute)	1
Classification	Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

<1% ALPHA-ISOMETHYL IONONE

CAS number: 127-51-5	EC number: 204-846-3
Classification	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 2 - H411



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<1% DIETHYL PHTHALATE

CAS number: 84-66-2	EC number: 201-550-6
Classification	Not Classified

<1% CIS-3-HEXENYL SALICYLATE

CAS number: 65405-77-8	EC number: 265-745-8
M factor (Acute)	1
Classification	Aquatic Acute 1 - H400

<1% 4-TERT-BUTYLCYCLOHEXYL ACETATE

CAS number: 32210-23-4	EC number: 250-954-9
Classification	Skin Sens. 1B - H317

<1% METHYLENEDIOXYPHENYL METHYLPROPANAL

CAS number: 1205-17-0	EC number: 214-881-6
Classification	Skin Sens. 1B - H317 Aquatic Chronic 2 - H411

<1% PIN-2(3)-ENE (ALPHA-PINENES)

CAS number: 80-56-8	EC number: 201-291-9
M factor (Acute)	1
M factor (Chronic)	1
Classification	Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

<1% BHT

CAS number: 128-37-0	EC number: 204-881-4
M factor (Acute)	1
M factor (Chronic)	10
Classification	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

<1% LONGIFOLENE

CAS number: 475-20-7	EC number: 207-491-2
M factor (Acute)	1
M factor (Chronic)	10
Classification	Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410



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<1% 3,7,7-TRIMETHYLBICYCLO[4.1.0]-3-HEPTENE (3-CARENE)

CAS number: 13466-78-9	EC number: 236-719-3
Classification	Flam. Liq. 3 - H226
	Skin Irrit. 2 - H315
	Skin Sens. 1B - H317
	Asp. Tox. 1 - H304
	Aquatic Chronic 2 - H411

<1% p-MENTHA-1,4(8)-DIENE (TERPINOLENE)

CAS number: 586-62-9	EC number: 209-578-0
M factor (Chronic)	1
Classification	Skin Sens. 1 - H317
	Asp. Tox. 1 - H304
	Aquatic Chronic 1 - H410

<1% BETA PINENE

CAS number: 127-91-3	EC number: 204-872-5
M factor (Acute)	1
M factor (Chronic)	1
Classification	Flam. Liq. 3 - H226
	Skin Irrit. 2 - H315
	Skin Sens. 1B - H317
	Asp. Tox. 1 - H304
	Aquatic Acute 1 - H400
	Aquatic Chronic 1 - H410

<1% LEMON TERPENES

CAS number: —	
M factor (Acute)	1
M factor (Chronic)	1
Classification	Flam. Liq. 3 - H226
	Skin Irrit. 2 - H315
	Skin Sens. 1 - H317
	Asp. Tox. 1 - H304
	Aquatic Acute 1 - H400
	Aquatic Chronic 1 - H410

The Full Text for all Hazard Statements is Displayed in Section 16.



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4: FIRST AID MEASURES

INHALATION:	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
INGESTION:	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
EYE CONTACT:	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
GENERAL INFORMATION:	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.
NOTES FOR THE DOCTOR:	No specific recommendations.

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide (CO ₂). Powder. Water spray.
UNSUITABLE EXTINGUISHING MEDIA:	Full water jet.
SPECIFIC HAZARDS:	Toxic gases or vapours.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	Closed containers may build up pressure at elevated temperatures.
ADVICE FOR FIREFIGHTERS:	
- SPECIAL FIRE FIGHTING PROCEDURES:	Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways.
- PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	Wear full protective clothing

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground.
METHODS FOR CLEANING UP:	Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.



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7: HANDLING AND STORAGE

USAGE PRECAUTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.
ADVICE ON GENERAL OCCUPATIONAL HYGIENE:	Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.
STORAGE PRECAUTIONS:	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

DIETHYL PHTHALATE

Long-term exposure limit (8-hour TWA):	WEL 5 mg/m ³
Short-term exposure limit (15-minute):	WEL 10 mg/m ³

BHT

Long-term exposure limit (8-hour TWA):	WEL 10 mg/m ³
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WEL = Workplace Exposure Limit

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:	Provide adequate ventilation.
EYE/FACE PROTECTION:	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
HAND PROTECTION:	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
OTHER SKIN AND BODY PROTECTION:	Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
HYGIENE MEASURES:	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products
RESPIRATORY PROTECTION:	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
ENVIRONMENTAL EXPOSURE CONTROLS:	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.
COLOUR:	Colourless to Yellow.
ODOUR:	Characteristic.
FLASH POINT °C:	>70
SPECIFIC GRAVITY @ 20°C:	~ 1.012
REFRACTIVE INDEX @ 20°C:	~ 1.453

SDS: 345 Frangipani Fragrance

Compiled by: Geoffrey Harris, Quality Control - Approved by Johndan Chilcott, Regulatory Affairs– Date: 02/08/2019 Version: 3



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10: STABILITY AND REACTIVITY

STABILITY:	Stable at normal ambient temperatures.
POSSIBILITY OF HAZARDOUS REACTIONS:	Will not polymerise.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition.
MATERIALS TO AVOID:	Strong oxidising agents. Strong acids. Strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11: TOXICOLOGICAL INFORMATION

SKIN CONTACT:	May cause an allergic skin reaction.
ACUTE AND CHRONIC HEALTH HAZARDS:	Suspected of damaging fertility or the unborn child.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY - ORAL

ATE oral (mg/kg)	28,367.35
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TOXICOLOGICAL INFORMATION ON INGREDIENTS

BUTYLPHENYL METHYLPROPIONAL

ACUTE TOXICITY - ORAL

Acute toxicity oral (LD ₅₀ mg/kg)	1,390.0
Species	Rat
ATE oral (mg/kg)	1,390.0

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Harmful to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY:	The product contains substances which are not expected to be biodegradable
BIOACCUMULATIVE POTENTIAL:	The product does not contain any substances expected to be bioaccumulating.
MOBILITY IN SOIL:	The product is insoluble in water.
RESULTS OF PBT AND vPvB ASSESSMENT:	This product does not contain any substances classified as PBT or vPvB.

ECOLOGICAL INFORMATION ON INGREDIENTS

LIMONENE

ACUTE AQUATIC TOXICITY

LE(C) ₅₀ :	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute):	1

CHRONIC AQUATIC TOXICITY

M factor (Chronic):	1
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HEXAMETHYLINDANOPYRAN

ACUTE AQUATIC TOXICITY

LE(C) ₅₀ :	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute):	1

CHRONIC AQUATIC TOXICITY

NOEC:	0.001 < NOEC ≤ 0.01
Degradability:	Rapidly degradable
M factor (Chronic):	1



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13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of waste product or used containers in accordance with local regulations

14: TRANSPORT INFORMATION

GENERAL: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN NUMBER: Not applicable.

PROPER SHIPPING NAME: Not applicable.

TRANSPORT HAZARD CLASS(ES): No transport warning sign required.

PACKING GROUP: Not applicable.

ENVIRONMENTAL HAZARDS: Not applicable.

SPECIAL PRECAUTIONS FOR USER: Not applicable.

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE: Not applicable.

15: REGULATORY INFORMATION

EU LEGISLATION: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

GUIDANCE: Workplace Exposure Limits EH40.

16: OTHER INFORMATION

KEY LITERATURE REFERENCES AND SOURCES FOR DATA

European Chemicals Agency, <http://echa.europa.eu/>

HAZARD STATEMENTS IN FULL

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.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.
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: **345 Frangipani Fragrance**

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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.