



**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 Absolute**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **227**

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 Irrit. Cat. 2 – H315
Skin Sens. Cat. 1 – H317
Eye Damage. Cat. 1 – H318
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 2 – H411

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H411 Toxic 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/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs; Get medical advice/attention.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P261 Avoid breathing vapour/spray
P272 Contaminated work clothing should not be allowed out of workplace.
P310 Immediately call a POISON CENTER/doctor
P321 Specific treatment (see medical advice on this label).

SDS: **227 Frangipani Absolute**

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 15/01/2020 - Version: 4



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P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P501 Dispose of contents/container in accordance with national regulations.
CONTAINS: LIMONENE, BENZYL SALICYLATE, ALPHA-ISOMETHYL IONONE, COUMARIN, HYDROXYCITRONELLAL, GERANIOL, CITRONELLOL, EUGENOL, PIN-2(3)-ENE (ALPHAPINENES)

3: COMPOSITION/INFORMATION ON INGREDIENTS

5-10% 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
5-10% RASPBERRY KETONE	
CAS NUMBER: 5471-51-2	EC NUMBER: 226-806-4
CLASSIFICATION	Acute Tox. 4 – H302
5-10% BENZYL SALICYLATE	
CAS NUMBER: 118-58-1	EC NUMBER: 204-262-9
CLASSIFICATION	Eye Irrit. 2 - H319 Skin Sens. 1B - H317 STOT RE 2 - H373 Aquatic Chronic 3 - H412
5-10% 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
5-10% BENZYL ALCOHOL	
CAS NUMBER: 100-51-6	EC NUMBER: 202-859-9
CLASSIFICATION	Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Irrit. 2 - H319
5-10% METHYL ANTHRANILATE	
CAS NUMBER: 134-20-3	EC NUMBER: 205-132-4
CLASSIFICATION	Eye Irrit. 2 - H319
5-10% GERANIOL	
CAS NUMBER: 106-24-1	EC NUMBER: 203-377-1
CLASSIFICATION	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317



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5-10% COUMARIN

CAS NUMBER: 91-64-5

CLASSIFICATION

EC NUMBER: 202-086-7

Acute Tox. 3 - H301

Skin Sens. 1B - H317

5-10% CITRONELLOL

CAS NUMBER: 106-22-9

CLASSIFICATION

EC NUMBER: 203-375-0

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

Aquatic Chronic 2 - H411

5-10% HYDROXYCITRONELLAL

CAS NUMBER: 107-75-5

CLASSIFICATION

EC NUMBER: 203-518-7

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

1-5% NEROLIDOL

CAS NUMBER: 7212-44-4

M FACTOR (ACUTE) = 1

CLASSIFICATION

EC NUMBER: 230-597-5

Eye Irrit. 2 - H319

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

1-5% EUGENOL

CAS NUMBER: 97-53-0

CLASSIFICATION

EC NUMBER: 202-589-1

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

1-5% LINALOOL

CAS NUMBER: 78-70-6

CLASSIFICATION

EC NUMBER: 201-134-4

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

1-5% A MIXTURE OF: (E)-OXACYCLOHEXADEC-12-EN-2-ONE (E)-OXACYCLOHEXADEC-13-EN-2-ONE A) (Z)-OXACYCLOHEXADEC-(12)-EN-2-ONE AND B) (Z)-OXACYCLOHEXADEC-(13)-EN-2-ONE

CAS NUMBER: 111879-80-2

M FACTOR (ACUTE) = 1

CLASSIFICATION

EC NUMBER: 422-320-3

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

1-5% PIN -2(3)-ENE (ALPHA PINENES)

CAS NUMBER: 80-56-8

CLASSIFICATION

EC NUMBER: 201-291-9

Skin Irrit. 2 - H315

Skin Sens. 1B - H317

Asp. Tox. 1 - H304

1-5% PHENYLPROPANOL

CAS NUMBER: 122-97-4

CLASSIFICATION

EC NUMBER: 204-587-6

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

The Full Text for all Hazard Statements are 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:	Extinguish with the following media: Foam, carbon dioxide or dry powder.
UNSUITABLE EXTINGUISHING MEDIA:	Water
SPECIFIC HAZARDS:	Toxic gases and vapours.
ADVICE FOR FIREFIGHTERS:	
- PROTECTIVE ACTIONS DURING FIREFIGHTING:	Containers close to fire should be removed or cooled with water.
- SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate 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 or watercourses or onto the ground.
CLEANING UP METHODS FOR SPILLAGES:	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.

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

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. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

HAND PROTECTION:

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:

Orange/ Brown.

ODOUR:

Characteristic.

FLASH POINT °C:

>70

SPECIFIC GRAVITY @ 20°C:

1.007

REFRACTIVE INDEX @ 20°C:

1.494



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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

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY – ORAL

- ATE ORAL (MG/KG):	3059.13
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ACUTE TOXICITY – INHALATION

- ATE INHALATION (VAPOURS MG/L):	66.72
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EYE CONTACT: Causes serious eye damage.

SKIN CONTACT: Causes skin irritation. May cause an allergic skin reaction.

TOXICOLOGICAL INFORMATION ON INGREDIENTS:

RASPBERRY KETONE

ACUTE TOXICITY - ORAL

ACUTE TOXICITY ORAL (LD₅₀ MG/KG): 1320.0

SPECIES: Rat

ATE ORAL (MG/KG): 1320.0

BENZYL ALCOHOL

ACUTE TOXICITY - ORAL

ACUTE TOXICITY ORAL (LD₅₀ MG/KG): 1620.0

SPECIES: Rat

ATE ORAL (MG/KG): 1620.0

ACUTE TOXICITY – DERMAL

ATE DERMAL (MG/KG): 2500.0

ACUTE TOXICITY - INHALATION

ATE INHALATION (VAPOURS MG/L) 11.0

COUMARIN

ACUTE TOXICITY – ORAL

ACUTE TOXICITY ORAL (LD₅₀ MG/KG): 293.0

SPECIES: Rat

ATE ORAL (MG/KG): 293.0



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12: ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects.

ECOLOGICAL INFORMATION ON INGREDIENTS:

LIMONENE

ACUTE AQUATIC TOXICITY

LE(C)₅₀: 0.1 < L(E)C₅₀ ≤ 1

M FACTOR (ACUTE): 1

CHRONIC AQUATIC TOXICITY

M FACTOR (CHRONIC): 1

NEROLIDOL

ACUTE AQUATIC TOXICITY

LE(C)₅₀: 0.1 < L(E)C₅₀ ≤ 1

M FACTOR (ACUTE): 1

CHRONIC AQUATIC TOXICITY

NOEC: 0.01 < NOEC ≤ 0.1

DEGRADABILITY: Rapidly degradable.

A MIXTURE OF: (E)-OXACYCLOHEXADEC-12-EN-2-ONE (E)-OXACYCLOHEXADEC-13-EN-2-ONE A) (Z)-OXACYCLOHEXADEC-(12)-EN2-ONE AND B) (Z)OXACYCLOHEXADEC-(13)-EN-2-ONE

ACUTE AQUATIC TOXICITY:

LE (C)₅₀: 0.1 < L(E)C₅₀ ≤ 1

M FACTOR (ACUTE): 1

CHRONIC AQUATIC TOXICITY:

NOEC 0.01 < NOEC ≤ 0.1

DEGRADABILITY: Rapidly degradable.

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.

13: DISPOSAL CONSIDERATIONS

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



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14: TRANSPORT INFORMATION

UN NUMBER: 3082
PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CONTAINS ALPHAIOMETHYL IONONE, LIMONENE)

TRANSPORT HAZARD CLASS(ES):

- ADR/RID/ADN CLASS: 9
- ADR/RID CLASSIFICATION CODE: M6
- IMDG CLASS: 9
- ICAO CLASS: 9



PACKING GROUP:

- ADR/RID/ADN PACKING GROUP: III
- IMDG PACKING GROUP: III
- ICAO PACKING GROUP: III

ENVIRONMENTAL HAZARDS: Environmentally hazardous
substance/marine pollutant



SPECIAL PRECAUTION FOR USER

- EMS F-A, S-F
- ADR TRANSPORT CATEGORY: 3
- EMERGENCY ACTION CODE •3Z
- HAZARD IDENTIFICATION CODE: 90
- TUNNEL RESTRICTION CODE: (E)

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.



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16: OTHER INFORMATION

HAZARD STATEMENTS IN FULL

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H373 May cause damage to organs (Spleen) through prolonged or repeated exposure if swallowed.

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.

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.