



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Mango Fragrance Oil**

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: **356**

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. 2 - H315
Eye Irrit. 2 - H319
Elicitation - EUH208 |
| - ENVIRONMENTAL HAZARDS: | Aquatic Chronic 3 - H412 |

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

HAZARD STATEMENTS:

WARNING

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains LIMONENE, ALPHA-ISOMETHYL IONONE, HEXYL CINNAMAL, 4-TERTBUTYLCYCLOHEXYL ACETATE, GERANIOL, DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE. May produce an allergic reaction.

PRECAUTIONARY STATEMENTS:

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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P364 Wash contaminated skin thoroughly after handling.

P321 Specific treatment (see medical advice on this label).

P337+P313 If eye irritation persists: Get medical advice/attention
P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container in accordance with national regulations.

SDS: **356 Mango Fragrance**

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 10/01/2020 – Version: 3



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CONTAINS LIMONENE, ALPHA-ISOMETHYL IONONE, HEXYL CINNAMAL, 4-TERTBUTYLCYCLOHEXYL ACETATE, GERANIOL, DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE

3: COMPOSITION/INFORMATION ON INGREDIENTS

KEROSENE		1-5%
CAS NUMBER: 64742-47-8	EC NUMBER: 265-149-8	
CLASSIFICATION	Asp. Tox. 1 - H304	
BENZYL BENZOATE		1-5%
CAS NUMBER: 120-51-4	EC NUMBER: 204-402-9	
M FACTOR (ACUTE) = 1		
CLASSIFICATION	Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	
DIMETHYL PHENETHYL BUTYRATE		1-5%
CAS NUMBER: 10094-34-5	EC NUMBER: 233-221-8	
CLASSIFICATION	Aquatic Chronic 2 - H411	
GAMMA-UNDECALACTONE		1-5%
CAS NUMBER: 104-67-6	EC NUMBER: 203-225-4	
CLASSIFICATION	Aquatic Chronic 3 - H412	
2-PROPENYL HEPTANOATE (ALLYL HEPTANOATE)		<1%
CAS NUMBER: 142-19-8	EC NUMBER: 205-527-1	
M FACTOR (ACUTE) = 1		
CLASSIFICATION	Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	
DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE		<1%
CAS NUMBER: 27939-60-2	EC NUMBER: 248-742-6	
CLASSIFICATION	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1B - H317 Aquatic Chronic 3 - H412	
GERANIOL		<1%
CAS NUMBER: 106-24-1	EC NUMBER: 203-377-1	
CLASSIFICATION	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	
HEXAMETHYLINDANOPYRAN		<1%
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	
4-TERT-BUTYLCYCLOHEXYL ACETATE		<1%
CAS NUMBER: 32210-23-4	EC NUMBER: 250-954-9	
CLASSIFICATION	Skin Sens. 1B - H317	



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HEXYL CINNAMAL		<1%
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	
ALPHA-ISOMETHYL IONONE		<1%
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	
LIMONENE		<1%
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	

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

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:	Foam, carbon dioxide or dry powder.
UNSUITABLE EXTINGUISHING MEDIA:	Water.
SPECIFIC HAZARDS:	Specific hazards Toxic gases or 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.



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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.

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 EYE/FACE PROTECTION

Provide adequate ventilation.

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

None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.

ENVIRONMENTAL EXPOSURE CONTROLS

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.



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9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.
COLOUR:	Colourless to pale yellow.
ODOUR:	Characteristic.
FLASH POINT:	62°C
RELATIVE DENSITY:	~ 1.022 @ 20°C
REFRACTIVE INDEX:	~ 1.451 @ 20°C

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):	36'618.14
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ACUTE TOXICITY – DERMAL

- ATE DERMAL (MG/KG):	180'000.0
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ACUTE TOXICITY – INHALATION

- ATE INHALATION (VAPOURS MG/L):	666.67
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SKIN CONTACT: Causes skin irritation. May cause an allergic skin reaction.

EYE CONTACT: Causes serious eye irritation.

TOXICOLOGICAL INFORMATION ON INGREDIENTS

BENZYL BENZOATE

ACUTE TOXICITY - ORAL

- ACUTE TOXICITY ORAL (LD ₅₀ MG/KG):	1'500.0
- SPECIES:	Mouse
- ATE ORAL (MG/KG):	1'500.0

ACUTE TOXICITY – DERMAL

- ACUTE TOXICITY DERMAL (LD ₅₀ MG/KG):	4'000.0
- SPECIES:	Rabbit
- ATE DERMAL (MG/KG):	4'000.0



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12: ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life with long lasting effects.

ECOLOGICAL INFORMATION ON INGREDIENTS

BENZYL BENZOATE

ACUTE AQUATIC TOXICITY

LE (C)₅₀: 0.1<L(E)C50≤1

M FACTOR (ACUTE): 1

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

14: TRANSPORT INFORMATION

UN NO. None Allocated

UN PROPER SHIPPING NAME None Allocated

CLASS Not Applicable

TRANSPORT LABELS Not Applicable

PACKING GROUP Not Applicable

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE/MARINE POLLUTANT Not Determined

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	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).
EU LEGISLATION	
GUIDANCE	Workplace Exposure Limits EH40.
HAZARD STATEMENTS IN FULL	EUH208 Contains LIMONENE, HEXYL CINNAMAL, GERANIOL, ALPHA-ISOMETHYL IONONE, DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE, 4-TERTBUTYLCYCLOHEXYL ACETATE. May produce an allergic reaction. H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic 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. H331 Toxic if inhaled. 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.

16: OTHER INFORMATION

SHELF-LIFE

Min 12 months when stored within advised conditions.

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.