



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Dewberry Fragrance

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 343

CHEMICAL NAME: Parfum

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
Environmental hazards	Aquatic Chronic 3 – H412

CLASSIFICATION (67/548/EEC OR 1999/45/EC): R52/53, R43

LABEL ELEMENTS PICTOGRAM



SIGNAL WORD Warning

HAZARD STATEMENTS

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

P272 Contaminated work clothing should not be allowed out of the workplace.

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.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P261 Avoid breathing vapour/spray.

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

P362+P364 take off contaminated clothing and wash it before reuse.

CONTAINS

4-TERT-BUTYLCYCLOHEXYL ACETATE, GERANIOL, LIMONENE, ACETYL CEDRENE, AMYL CINNAMAL, BENZYL SALICYLATE, HEXYL CINNAMAL, BUTYLPHENYL METHYLPROPIONAL, CITRONELLOL, DIMETHYL-3-CYCLOHEXENE-1-CARBALDEHYDE



**AMPHORA AROMATICS
LIMITED**

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3: COMPOSITION/INFORMATION ON INGREDIENTS

LINALOOL		1-5%
CAS NUMBER: 78-70-6	EC NUMBER: 201-134-4	
CLASSIFICATION	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R36/38	
4-TERT-BUTYLCYCLOHEXYL ACETATE		1-5%
CAS NUMBER: 32210-23-4	EC NUMBER: 250-954-9	
CLASSIFICATION	Skin Sens. 1B – H317	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	R43	
GERANIOL		1-5%
CAS NUMBER: 106-24-1	EC NUMBER: 203-377-1	
CLASSIFICATION	Skin Irrit. 2 – H315 Eye Dam. 1 – H318 Skin Sens. 1 – H317	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xi; R41, R38. R43	
LIMONENE		1-5%
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	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xn; R65. Xi; R38. N; R50/53. R10, R43	
2-T-BUTYLCYCLOHEXYL ACETATE		1-5%
CAS NUMBER: 88-41-5	EC NUMBER: 283-493-7	
CLASSIFICATION	Aquatic Chronic 2 – H411	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	N; R51/53	
ACETYLCEDRENE		1-5%
CAS NUMBER: 32388-55-9	EC NUMBER: 251-020-3	
M FACTOR (ACUTE) = 1		
CLASSIFICATION	Skin Sens. 1B – H317 Aquatic Acute 1 – H400 Aquatic Chronic 1 – H410	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	N; R50/53. R43	



AMPHORA AROMATICS
LIMITED

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AMYL CINNAMAL		1-5%
CAS NUMBER: 122-40-7	EC NUMBER: 204-541-5	
CLASSIFICATION	Skin Sens. 1B – H317	
	Aquatic Chronic 2 – H411	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	N; R51/53. R43	
A-TERPINYL ACETATE		1-5%
CAS NUMBER: 80-26-2	EC NUMBER: 201-265-7	
CLASSIFICATION	Aquatic Chronic 2 – H411	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	N; R51/53	
BENZYL SALICYLATE		<1%
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	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xn; R48/22. Xi; R36. R43, R52/53	
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	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	N; R50, R51/53. R43	
BUTYLPHENYL METHYLPROPIONAL		<1%
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	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xn; R22. Xi; R38. Repr. Cat. 3 R62, R63. N; R51/53. R43	
CITRONELLOL		<1%
CAS NUMBER: 106-22-9	EC NUMBER: 203-375-0	
CLASSIFICATION	Skin Irrit. 2 – H315	
	Eye Irrit. 2 – H319	
	Skin Sens. 1B – H317	
	Aquatic Chronic 2 – H411	
CLASSIFICATION (67/548/EEC OR 1999/45/EC)	Xn; R21. Xi; R38. N; R51/53. R43	



AMPHORA AROMATICS
LIMITED

essential oils, skincare & aromatherapy products

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

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
CLASSIFICATION (67/548/EEC OR Xn; R21. Xi; R38. N; R51/53. R43
1999/45/EC)

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
CLASSIFICATION (67/548/EEC OR N; R50/53
1999/45/EC)

The Full Text for all R-Phrases and 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 if any discomfort continues.

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: Use CO₂, Dry powder or Foam type Extinguishers, praying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

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 the spillage.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & ground waters.
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 materials. 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	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	None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.



**AMPHORA AROMATICS
LIMITED**

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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

COLOUR: Colourless to Pale Yellow
APPEARANCE: Liquid
ODOUR: Characteristic of Dewberry
FLASH POINT (°C) >70
SPECIFIC GRAVITY @ 20°C: 0.990-1.013
REFRACTIVE INDEX @ 20°C: 1.440-1.460

10: STABILITY AND REACTIVITY

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11: TOXICOLOGICAL INFORMATION

SKIN CONTACT May cause an allergic skin reaction.

12: ECOLOGICAL INFORMATION

ECOTOXICITY Harmful to aquatic life with long lasting effects.
ECOLOGICAL INFORMATION ON **ACETYLCEDRENE**
INGREDIENTS. ACUTE AQUATIC TOXICITY
LE(C)₅₀ 0.1 < L(E)C50 ≤ 1
M factor (Acute) 1
CHRONIC AQUATIC TOXICITY
NOEC 0.001 < NOEC ≤ 0.01
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 NO.	None Allocated
UN PROPER SHIPPING NAME	None Allocated
CLASS	Not Applicable
TRANSPORT LABELS	Not Applicable
PACKING GROUP	Not Applicable
ENVIRONMENTALLY HAZARDOUS	Not Determined
SUBSTANCE/MARINE POLLUTANT	
EMS	
ADR TRANSPORT CATEGORY	
EMERGENCY ACTION CODE	
HAZARD IDENTIFICATION NUMBER (ADR/RID)	
TUNNEL RESTRICTION CODE	
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	Not applicable

15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	
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

SHELF-LIFE

Min 12 months when stored within advised conditions.

RISK PHASES IN FULL	R10 Flammable. R21 Harmful in contact with skin. R22 Harmful if swallowed. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed. R50 Very toxic to aquatic organisms. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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HAZARD STATEMENTS IN FULL

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62 Possible risk of impaired fertility.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.
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.
H361 Suspected of damaging fertility or the unborn child.
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 the 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.