



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Benzoin Essential Oil (In DPG)

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 103

CAS NUMBER: n/a

EC NUMBER: n/a

INCI: Dipropylene Glycol & Styrax Benzoin Resin Extract

IDENTIFIED USES: Suitable for cosmetic, flavour, fragrance and professional use only.

BIOLOGICAL DEFINITION: A blend of the resin from Styrax benzoin (20%) with Dipropylene Glycol (80%) as a solvent to render it mobile.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Aquatic Chronic 3 – H412

CLASSIFICATION (EC No 1272/2008):

PICTOGRAM	None
SIGNAL WORD	None
HAZARD STATEMENTS	H412 – Harmful to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENTS	P273 – Avoid release to the environment P501 – Dispose of contents in accordance with local, state or national legislation.

OTHER HAZARDS

PBT OR vPvB ACCORDING TO ANNEX XIII	PBT or vPvB according to Annex XIII
NO ADDITIONAL DATA AVAILABLE.	No additional data available.
ADVERSE PHYSIO-CHEMICAL PROPERTIES	Adverse physio-chemical properties



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3: COMPOSITION/INFORMATION ON INGREDIENTS

80% Dipropylene Glycol	
CAS NUMBER: 110-98-5 / 25265-71-8	EC NUMBER: 203-821-4 / 246-770-3
CLASSIFICATION (EC 1272/2008))	Not classed as a hazardous substance.
20% Styrax Benzoin Resin Extract	
CAS NUMBER: 84929-79-3	EC NUMBER: 84929-79-3
CLASSIFICATION (EC 1272/2008))	
7.20% Benzyl Benzoate	
CAS NUMBER: 120-51-4	EC NUMBER: 204-402-9
CLASSIFICATION (EC 1272/2008))	Acute Tox. 4-H302 Aquatic Chronic 2 - H411
6.60% Benzyl Alcohol	
CAS NUMBER: 100-51-6	EC NUMBER: 202-859-9
CLASSIFICATION (EC 1272/2008))	Acute Tox. 4 - H302 Eye Irrit. 2 - H319 Acute Tox. 4 - H332

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4: FIRST AID MEASURES

INHALATION	Remove from exposure area to fresh air. Get medical advice/attention.
INGESTION	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical advice/attention.
SKIN CONTACT	Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.
EYE CONTACT	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.
GENERAL INFORMATION	No additional data available.
NOTES FOR THE DOCTOR	No additional data available.



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5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

EXTINGUISHING MEDIA RECOMMENDED

Carbon dioxide (CO₂). Dry Chemical Powder. Foam.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use direct water jet on burning material.

SPECIAL HAZARDS ARISING FROM THE PRODUCT

Thermal decomposition or combustion products may include the following substances:

Carbon dioxide (CO₂), Carbon monoxide (CO), other toxic gases.

Containers close to fire should be removed or cooled with water.

ADVICE FOR FIREFIGHTERS

Wear positive pressure self-contained breathing apparatus & protective clothing.

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

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS:

Do not discharge into drains, water courses or onto the ground. Dispose of in accordance with local, state or national legislation.

CLEANING UP METHODS FOR SPILLAGES:

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose in accordance with local authority guidelines.

REFERENCE TO OTHER SECTIONS

See sections 4, 7, 8 & 13.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with skin, eyes and clothing. Avoid breathing vapours.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY

Store in tightly-closed, original container in a dry, cool and well-ventilated area, away from potential sources of ignition and protected from light.

INCOMPATIBILITIES



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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

APPROPRIATE ENGINEERING CONTROLS

EYE/FACE PROTECTION

HAND PROTECTION

OTHER SKIN AND BODY PROTECTION

HYGIENE MEASURES

RESPIRATORY PROTECTION

ENVIRONMENTAL EXPOSURE CONTROLS

PERSONAL PROTECTION

SKIN PROTECTION

Provide adequate ventilation

Provide adequate ventilation.

Wear protective goggles to prevent eye contact

Avoid skin contact. Wear protective gloves.

Slip proof shoes may be worn in event of spillages.

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Avoid inhalation of vapour.

Avoid discharging into drainage water.

Avoid inhalation of vapour and contact with skin and eyes.

Wear overalls or laboratory coat to protect from skin contact.

9: PHYSICAL AND CHEMICAL PROPERTIES

COLOUR

APPEARANCE

ODOUR

FLASH POINT °C

SPECIFIC GRAVITY @ 20°C:

REFRACTIVE INDEX @ 20°C

Orange brown to brown.

Viscous liquid.

Characteristic - warm, sweet, balsamic.

>100

Approx. 1.045

Approx. 1.463

10: STABILITY AND REACTIVITY

REACTIVITY:

CHEMICAL STABILITY

POSSIBLE HAZARDOUS REACTIONS

CONDITIONS TO AVOID

INCOMPATIBLE MATERIALS

HAZARDOUS DECOMPOSITION PRODUCTS:

It presents no significant reactivity hazards, by itself or in contact with water.

Stable under the recommended handling and storage conditions.

No additional data available.

Avoid extreme heat and direct sunlight.

Avoid contact with strong acids, alkalis and oxidising agents.

Not expected under normal temperature conditions and recommended use.

Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases.



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11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	Not classified.
SKIN CORROSION / IRRITATION	Not classified.
SERIOUS EYE DAMAGE / IRRITATION	Not classified.
RESPIRATORY OR SKIN SENSITISATION	Not classified.
GERM CELL MUTAGENICITY	Not classified.
CARCINOGENICITY	Not classified.
REPRODUCTIVE TOXICITY	Not classified.
STOT-SINGLE EXPOSURE	Not classified.
STOT-REPEATED EXPOSURE	Not classified.
ASPIRATION HAZARD	No additional data available.
PHOTO-TOXICITY	No additional data available.
OTHER INFORMATION	None.

12: ECOLOGICAL INFORMATION

TOXICITY	Harmful to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY	No additional data available.
BIOACCUMULATIVE POTENTIAL	No additional data available.
MOBILITY IN SOIL	No additional data available.
RESULTS OF PBT AND VPVB ASSESSMENT	No additional data available.
PRECAUTIONS	Do not allow product to enter streams, sewers or other waterways.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Collect and dispose of waste product, in accordance with local authority guidelines, at an authorised disposal facility. Product remainders should not intrude soil or waters.
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14: TRANSPORT INFORMATION

UN No.	Not regulated for transport.
PROPER SHIPPING NAME	Not applicable - The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID).
TRANSPORT HAZARD CLASS(ES)	Not applicable.
PACKING GROUP	Not applicable.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	Not an environmentally hazardous substance/marine pollutant for transport.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	No additional data available.



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15: REGULATORY INFORMATION

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU LEGISLATION

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE

Workplace Exposure Limits EH40. CHIP for everyone HSG (108)

16: OTHER INFORMATION

HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL

H302 - Harmful if swallowed.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
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.