



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Cassia Essential Oil

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

PRODUCT NUMBER: 108

CAS NUMBER: 84961-46-6 / 8007-80-5

EC NUMBER: 284-635-0

INCI: Cinnamomum Cassia Leaf Oil.

IDENTIFIED USES: No additional data available.

BIOLOGICAL DEFINITION: Cinnamomum Cassia Leaf Oil is the volatile oil obtained by steam distillation from the leaves and twigs of the Chinese Cinnamom, Cinnamomum cassia (L.), Lauraceae.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 84961-46-6 / 8007-80-5

EC: 284-635-0

CLASSIFICATION (1272/2008):

PHYSICAL HAZARDS:

This substance does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

HEALTH HAZARDS:

Acute dermal toxicity, Category 4 (Acute Tox. 4, H312).

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

ENVIRONMENTAL HAZARDS:

This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P501 Dispose of contents/container to waste disposal facility licensed.

CONTAINS:

EC 203-213-9 CINNAMIC ALDEHYDE

EC 202-086-7 COUMARIN

EC 203-212-3 CINNAMIC ALCOHOL



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3: COMPOSITION/INFORMATION ON INGREDIENTS

80.0% Cinnamic Aldehyde

CAS NUMBER: 104-55-2

EC NUMBER: 203-213-9

CLASSIFICATION (EC1272/2008):

Acute Tox. 4, H312

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Skin Sens. 1, H317

4.0% Coumarin

CAS NUMBER: 91-64-5

EC NUMBER: 202-086-7

CLASSIFICATION (EC1272/2008):

Acute Tox. 4, H302

Skin Sens. 1, H317

1.5% Benzaldehyde

CAS NUMBER: 100-52-7

EC NUMBER: 202-860-4

CLASSIFICATION (EC1272/2008):

Acute Tox. 4, H302

1.5% Cinnamic Acid

CAS NUMBER: 621-82-9

EC NUMBER: 210-708-3

CLASSIFICATION (EC1272/2008):

No data available.

1.0% Cinnamic Alcohol

CAS NUMBER: 104-54-1

EC NUMBER: 203-212-3

CLASSIFICATION (EC1272/2008):

Skin Sens. 1, H317

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

4: FIRST AID MEASURES

INHALATION:

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

INGESTION:

Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Seek medical attention immediately, showing the label.

SKIN CONTACT:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Remove any soiled or splashed clothing immediately. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted, or the patient transferred to hospital.

EYE CONTACT:

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. 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 RECOMMENDED:	No additional data available.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: - carbon monoxide (CO) - carbon dioxide (CO ₂).
ADVICE FOR FIREFIGHTERS:	No additional data available.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Consult the safety measures listed under headings 7 and 8. For non-first aid worker Avoid any contact with the skin and eyes. For first aid worker First aid workers will be equipped with suitable personal protective equipment (See section 8).
ENVIRONMENT PRECAUTIONS:	Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
CLEANING UP METHODS FOR SPILLAGES:	Prevent any material from entering drains or waterways. Clean preferably with a detergent, do not use solvents.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Always wash hands after handling. Remove and wash contaminated clothing before re-using. Fire prevention: Prevent access by unauthorised personnel. Recommended equipment and procedures: For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations.
OCCUPATIONAL HYGIENE:	No smoking, eating or drinking in areas where the substance is used.
STORAGE PRECAUTIONS:	Always keep in packaging made of an identical material to the original.



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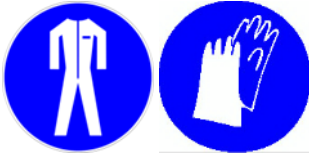
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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

Linalool (CAS: 78-70-6) Ingredient Comments: No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT:



APPROPRIATE ENGINEERING CONTROLS:

Provide eyewash station.
Provide adequate ventilation.

EYE/FACE PROTECTION:

Avoid contact with eyes.
Use eye protectors designed to protect against liquid splashes.
Before handling, wear safety goggles in accordance with standard EN166.

HAND PROTECTION:

Wear suitable protective gloves in the event of prolonged or repeated skin contact.
Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
Gloves must be selected according to the application and duration of use at the workstation.
Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
Recommended properties:

- Impervious gloves in accordance with standard EN374.

OTHER SKIN AND BODY PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.
Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.
Avoid skin contact.
Wear suitable protective clothing.
Suitable type of protective clothing:
In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.
In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.
Work clothing worn by personnel shall be laundered regularly.
After contact with the product, all parts of the body that have been soiled must be washed.



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HYGIENE MEASURES:	Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
RESPIRATORY PROTECTION:	No additional data available.
ENVIRONMENTAL EXPOSURE CONTROLS:	Avoid discharging into drainage water. Only eliminate by authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Mobile Oily Liquid.
COLOUR:	Dark Yellow.
ODOUR:	Characteristic.
FLASH POINT °C:	93
SPECIFIC GRAVITY @ 20°C:	1.031 – 1.058
REFRACTIVE INDEX @ 20°C:	1.589 - 1.608
MELTING POINT (°C)	No additional data available.
BOILING POINT (°C)	No additional data available.
VAPOUR PRESSURE	No additional data available.
SOLUBILITY IN WATER @20°C	Insoluble in water.
AUTO-IGNITION TEMPERATURE (°C)	No additional data available.

10: STABILITY AND REACTIVITY

REACTIVITY:	No additional data available
CHEMICAL STABILITY:	This substance is stable under the recommended handling and storage conditions in section 7.
POSSIBLE HAZARDOUS REACTIONS:	No additional data available
CONDITIONS TO AVOID:	No additional data available
INCOMPATIBLE MATERIALS:	No additional data available
HAZARDOUS DECOMPOSITION PRODUCTS:	The thermal decomposition may release/form: - carbon monoxide (CO) - carbon dioxide (CO ₂).

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	CINNAMIC ALCOHOL (CAS: 104-54-1) Oral route: LD50 = 2500 mg/kg COUMARIN (CAS: 91-64-5) Oral route: LD50 = 500 mg/kg CINNAMIC ALDEHYDE * (CAS: 104-55-2) Oral route: LD50 = 2500 mg/kg Dermal route: LD50 = 1100 mg/kg.
SKIN CORROSION / IRRITATION	Harmful in contact with skin. May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. May cause an allergic reaction by skin contact.
SERIOUS EYE DAMAGE / IRRITATION	No additional data available.
SERIOUS EYE DAMAGE / IRRITATION	No additional data available.



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RESPIRATORY OR SKIN SENSITISATION	No additional data available.
GERM CELL MUTAGENICITY	CAS 91-64-5: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.
CARCINOGENICITY	No additional data available.
REPRODUCTIVE TOXICITY	No additional data available.
STOT-SINGLE EXPOSURE	No additional data available.
STOT-REPEATED EXPOSURE	No additional data available.
ASPIRATION HAZARD	No additional data available.
PHOTO-TOXICITY	No additional data available.
OTHER INFORMATION	No additional data available.

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	No aquatic toxicity data available for the substances.
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:	No additional data available.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Do not pour into drains or waterways.
	Waste: Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
	Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

14: TRANSPORT INFORMATION

UN No. ROAD:	Not regulated.
UN No. SEA:	Not regulated.
UN No. AIR:	Not regulated.
PROPER SHIPPING NAME:	None.
TRANSPORT HAZARD CLASS(ES):	Not regulated.
PACKING GROUP:	Not regulated.
ENVIRONMENTALLY HAZARDOUS	None.
SUBSTANCE/MARINE POLLUTANT:	
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Not regulated



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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.

GUIDANCE:

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

16: OTHER INFORMATION

HAZARD AND/OR PRECAUTIONARY
STATEMENTS IN FULL

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

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.