



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Turmeric Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **140**

CAS NUMBER: 84775-52-0

EC NUMBER: 283-882-1

INCI: Curcuma Longa Root Oil

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

BIOLOGICAL DEFINITION: Curcuma Longa Root Oil is the oil obtained from the root of the Turmeric, Curcuma longa L., Zingiberaceae.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Not Classified.
- HEALTH HAZARDS: Asp. Tox. 1 - H304
Skin Sens. 1- H317
Eye Irrit. 2 - H319
- ENVIRONMENTAL HAZARDS: Aquatic Chronic 3 - H412

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long-lasting effects.



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PRECAUTIONARY STATEMENTS:	P261 Avoid breathing vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. 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. P331 Do NOT induce vomiting. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. 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 in accordance with local, state or national legislation.
SUPPLEMENTARY PRECAUTIONARY STATEMENTS:	P264 Wash hands and exposed skin thoroughly after handling.
CONTAINS:	beta-Bisabolene, beta-Caryophyllene.

3: COMPOSITION/INFORMATION ON INGREDIENTS

15.0- 25.0% ar-Tumerone

CAS NUMBER: 532-65-0	EC NUMBER: 664-010-2
CLASSIFICATION (EC 1272/2008):	Skin Sens. 1 – H317 Eye Irrit. 2 – H319 Aquatic Chronic 2 - H411

1.0 – 5.0% beta-Bisabolene

CAS NUMBER: 495-61-4	EC NUMBER: N/A
CLASSIFICATION (EC 1272/2008):	Asp. Tox. 1 – H304 Skin Irrit. 2 – H315 Skin Sens. 1 – H317

1.0 – 5.0% beta-Caryophyllene

CAS NUMBER: 87-44-5	EC NUMBER: 201-746-1
CLASSIFICATION (EC 1272/2008):	Asp. Tox. 1 – H304 Skin Sens. 1B - H317 Aquatic Chronic 4 - H413

1.0 – 5.0% alpha-Humulene

CAS NUMBER: 6753-98-6	EC NUMBER: 229-816-7
CLASSIFICATION (EC 1272/2008):	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 STOT SE 3-H335

<1.0% p-cymene

CAS NUMBER: 99-87-6	EC NUMBER: 202-796-7
CLASSIFICATION (EC 1272/2008):	Flam. Liq. 3 - H226, Asp. Tox. 1 - H304, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335

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

SDS: **140 Turmeric Essential Oil**

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans, Director – Date: 01/08/2019 - Version: 3



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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. Call a POISON CENTER/doctor.
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

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide, dry chemical, foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher, as this may scatter and spread fire.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	When heated and in case of fire, irritating vapours/gases may be formed.
ADVICE FOR FIREFIGHTERS:	Avoid inhalation of generated fumes or vapours. Wear self-contained breathing apparatus and appropriate protective clothing.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.
ENVIRONMENT PRECAUTIONS:	Do not discharge into drains, water courses or onto the ground. Keep away from surface and ground water.
CLEANING UP METHODS FOR SPILLAGES:	Cover with an inert, inorganic, non-combustible absorbent material (e.g. sand, vermiculite). Place in covered containers. Avoid open flames or sources of ignition. Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

7: HANDLING AND STORAGE

USAGE PRECAUTIONS:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Keep original container closed. Avoid contact with skin and eyes. Avoid breathing vapours. Observe good personal hygiene. Avoid exposing to high temperatures during processing.
STORAGE PRECAUTIONS:	Store in tightly-closed, original container in a dry, cool and well-ventilated area, away from potential sources of ignition and protected from light.

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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

ENGINEERING MEASURES:

RESPIRATORY EQUIPMENT:

HAND PROTECTION:

Provide eyewash station.

Provide adequate ventilation.

For high concentrations use respiratory equipment.

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.

EYE PROTECTION:

Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

OTHER PROTECTION:

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.

HYGIENE MEASURES:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Do not eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

PERSONAL PROTECTION:

Use personal protection according to Directive 89/686/EEC.

SKIN PROTECTION:

Wear apron or protective clothing to avoid skin contact.

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid discharging into drainage water. Only eliminate by authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Oily liquid, dark yellow to dark reddish brown.

COLOUR:

Dark yellow to dark reddish brown.

ODOUR:

Characteristic.

RELATIVE DENSITY:

Approx. 0.935 @ 20°C

FLASH POINT (°C):

~66

REFRACTIVE INDEX:

Approx. 1.510 @ 20°C

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.



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10: STABILITY AND REACTIVITY

REACTIVITY:	Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended use.
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:	Avoid heat, flames and other sources of ignition.
INCOMPATIBLE MATERIALS:	Avoid strong acids, alkalis and oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not classified.
SKIN CORROSION / IRRITATION:	Not classified.
SERIOUS EYE DAMAGE / IRRITATION:	Causes serious eye irritation.
RESPIRATORY OR SKIN SENSITISATION:	Skin- May cause an allergic reaction by skin contact.
GERM CELL MUTAGENICITY:	No additional data available.
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:	May be fatal if swallowed and enters airways.
PHOTO-TOXICITY:	No additional data available.
OTHER INFORMATION:	No additional data available.

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	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:	No additional data available.

13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	
- 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. Do not allow entry into drains or waterways.
- SOILED PACKAGING:	Empty container completely. Keep label(s) on container. Give to a certified disposal contractor



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14: TRANSPORT INFORMATION

UN NO. ROAD:	Not regulated for transport.
UN NO. SEA:	Not regulated for transport.
UN NO. AIR:	Not regulated for transport.
PROPER SHIPPING NAME:	Not applicable - The product is not covered by international regulations on the transport of dangerous goods.
TRANSPORT HAZARD CLASS(es):	Not applicable.
PACKING GROUP:	Not applicable.
ENVIRONMENTAL HAZARDS:	Not an Environmentally Hazardous Substance/Marine Pollutant for transport.
TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Not applicable.

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).



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16: OTHER INFORMATION

HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL:	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. 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. H413 May cause long lasting harmful effects to aquatic life.
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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.