



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: Neem Oil

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

Telephone +44 (0)117-9087770.

PRODUCT NUMBER: 174

CAS NUMBER: 8002-65-1 / 90063-92-6

EC NUMBER: 290-052-2

INCI: Melia Azadirachta Seed Oil.

IDENTIFIED USES: Suitable for use in cosmetics, fragrances and professional applications only.

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Not classed as a hazardous substance.

CAS: 8002-65-1 / 90063-92-6 EC: 290-052-2

CLASSIFICATION (1272/2008): None

SIGNAL WORD None

HAZARD STATEMENTS None

PRECAUTIONARY STATEMENTS None

CONTAINS Contains no hazardous substances.

3: COMPOSITION/INFORMATION ON INGREDIENTS

100% Melia Azadirachta Seed Oil

CAS NUMBER: 8002-65-1 / 90063-92-6

EC NUMBER: 290-052-2

CLASSIFICATION

Not classified as a hazardous product.

4: FIRST AID MEASURES

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|--------------|---|
| INHALATION | Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues. |
| INGESTION | Rinse mouth with water. Seek medical attention if any discomfort occurs. |
| SKIN CONTACT | Remove contaminated clothing. Wash skin with soap and water. Seek medical 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. Seek medical attention immediately. Continue to rinse. |

SDS: 174 Neem Oil

Compiled by: Johndan Chilcott, Regulatory Affairs - Approved by Woody Evans- Date: 25/06/2019 - Version: 3



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5: FIREFIGHTING MEASURES

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| EXTINGUISHING MEDIA RECOMMENDED: | Extinguishing media: Carbon dioxide (CO ₂). Dry Chemical Powder. Foam. Water fog. |
| UNSUITABLE EXTINGUISHING MEDIA: | Water spray |
| SPECIAL HAZARDS ARISING FROM THE PRODUCT: | None. |
| ADVICE FOR FIREFIGHTERS: | Combustible material. Limit the spread of oil. Treat as an oil (edible fat) fire. Stay away from containers. Cool fire exposed containers with water. If possible, remove containers close to the fire. Use air supplied equipment for fighting interior fires. |

6: ACCIDENTAL RELEASE MEASURES

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| PERSONAL PRECAUTIONS: | Use protective gloves, goggles and suitable protective clothing. Remove sources of ignition, provide adequate ventilation and avoid contact with skin and eye. |
| ENVIRONMENT PRECAUTIONS: | Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines. |
| CLEANING UP METHODS FOR SPILLAGES: | Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Remove from the surface with suitable adsorbent material. Disposal according to UK/EU Environmental regulations. |
| REFERENCE TO OTHER SECTIONS | Please refer to <i>Section 8 - Exposure controls/personal protection</i> for further information on personal precautions. Please refer to <i>Section 13 - Disposal Considerations</i> for further information on waste treatment. |

7: HANDLING AND STORAGE

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| PRECAUTIONS FOR SAFE HANDLING | Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Keep away from strong oxidising agents, sources of ignition and pen flames. |
| CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES | Store in tightly closed original container, in a cool (max room temperature) dry & ventilated area away from heat sources. Protect from freezing and direct sunlight. Keep air contact to a minimum. Intrusion into the soil to be avoided. |



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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



APPROPRIATE ENGINEERING CONTROLS

EYE/FACE PROTECTION

HAND PROTECTION

OTHER SKIN AND BODY PROTECTION

HYGIENE MEASURES

RESPIRATORY PROTECTION

ENVIRONMENTAL EXPOSURE CONTROLS

Provide adequate ventilation.

Wear safety goggles or face shield if risk of splashing.

Use chemically resistant gloves if there is a risk of direct contact or splashing.

Slip proof shoes may be worn in event of spillages.

Wear appropriate clothing to prevent possibility of skin contact.

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

Use adequate ventilation

Avoid discharging into drainage water.

9: PHYSICAL AND CHEMICAL PROPERTIES

COLOUR

Brown to greenish brown.

APPEARANCE

Oily liquid. Free from suspended solvents.

ODOUR

Characteristic – typical neem

FLASH POINT °C

>100

SPECIFIC GRAVITY @ 20°C:

0.937

REFRACTIVE INDEX @ 20°C

1.467

SOLUBILITY IN WATER @20°C

Insoluble in water. Soluble in vegetable oils.

10: STABILITY AND REACTIVITY

REACTIVITY:

Stable under normal conditions of use.

CHEMICAL STABILITY

Stable under the recommended handling and storage conditions.

POSSIBLE HAZARDOUS REACTIONS

None under normal conditions of use.

CONDITIONS TO AVOID

None

INCOMPATIBLE MATERIALS

Avoid contact with strong acids, alkalis and oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Does not decompose at proper handling.



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11: TOXICOLOGICAL INFORMATION

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|------------------------------------|---|
| ACUTE TOXICITY: | LD50 oral: >5g/kg LD50 dermal: >2g/kg |
| SKIN CORROSION / IRRITATION: | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| SERIOUS EYE DAMAGE / IRRITATION: | In compliance with generally accepted uses and quantities are no negative impacts to be expected. |
| RESPIRATORY OR SKIN SENSITISATION: | LC50: 0.72mg/l |
| GERM CELL MUTAGENICITY: | Non mutagenic. |
| CARCINOGENICITY: | Non carcinogenic. |
| 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: | Not photo toxic. |
| OTHER INFORMATION: | None. |

12: ECOLOGICAL INFORMATION

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|------------------------------------|---|
| ECOTOXICITY | No additional data available. |
| PERSISTENCE AND DEGRADABILITY | Readily biodegradable |
| 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

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| DISPOSAL METHODS | Collect and dispose of waste product in accordance with local authority guidelines using a hazardous chemical disposal company. Product remainders should not intrude soil or waters. |
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14: TRANSPORT INFORMATION

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| UN NO. ROAD: | Not bound by transport regulations. |
| UN NO. SEA: | Not bound by transport regulations. |
| UN NO. AIR: | Not bound by transport regulations. |
| PROPER SHIPPING NAME: | Not bound by transport regulations. |
| TRANSPORT HAZARD CLASS(ES): | Not bound by transport regulations. |
| PACKING GROUP: | Not bound by transport regulations. |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT: | No hazard label necessary – non hazardous product. |
| TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE: | Not defined. |



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15: REGULATORY INFORMATION

SAFETY, HEALTH AND
ENVIRONMENTAL
REGULATIONS/LEGISLATION SPECIFIC
FOR THE SUBSTANCE OR MIXTURE

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.

CHEMICAL SAFETY ASSESSMENT

non hazardous product according to article 31 of REACH 1907/2006.

16: OTHER INFORMATION

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.