



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Niaouli Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **38**

CAS NUMBER: 8014-68-8 / 132940-73-9

EC NUMBER: 310-217-5

INCI: Melaleuca Viridiflora Leaf Oil

IDENTIFIED USES: No additional data available.

BIOLOGICAL DEFINITION: The volatile oil obtained from the leaves of Melaleuca viridiflora, Myrtaceae

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: Flammable liquid, Category 3 (Flam. Liq. 3, H226).
- HEALTH HAZARDS: Skin irritation, Category 2 (Skin Irrit. 2, H315).
Skin sensitisation, Category 1 (Skin Sens. 1, H317).
Aspiration hazard, Category 1 (Asp. Tox. 1, H304).
- ENVIRONMENTAL HAZARDS: Chronic Aquatic hazard, Category 2 (Aquatic Chronic 2, H411).

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

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.
H411 Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.



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SUPPLEMENTARY PRECAUTIONARY
STATEMENTS

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or
doctor/physician.

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

P331 Do NOT induce vomiting.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

CONTAINS:

1,8-Cineole, Alpha-terpineol, Pinenes, (R)-P-Mentha-1,8-Diene, Para-
Cymene

3: COMPOSITION/INFORMATION ON INGREDIENTS

≤60.0% 1,8-CINEOLE

CAS NUMBER: 470-82-6

EC NUMBER: 207-431-5

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3, H226

Skin Sens. 1 – H317

≤20.0% ALPHA-TERPINEOL

CAS NUMBER: 98-55-5

EC NUMBER: 202-680-6

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3, H226

Skin Irrit. 2, H315

Eye Irrit. 2, H319

≤9.4% (R)-P-MENTHA-1,8-DIENE

CAS NUMBER: 5989-27-5

EC NUMBER: 227-813-5

M ACUTE = 1

M CHRONIC = 1

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3, H226,

Skin Irrit. 2, H315

Skin Sens. 1, H317

Aquatic Acute 1, H400

Aquatic Chronic 1, H410

≤7.0% PINENES (ALPHA OR BETA)

CAS NUMBER:

EC NUMBER:

M ACUTE = 1

M CHRONIC = 1

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Skin Sens. 1, H317

Aquatic Acute 1, H400

≤6.0% HYDROCARBONS

CAS NUMBER: -

EC NUMBER: -

CLASSIFICATION (EC 1272/2008):

Asp. Tox. 1, H304

≤2.0% PARA-CYMENE

CAS NUMBER: 99-87-6

EC NUMBER: 202-796-7

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Aquatic Chronic 2, H411,

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



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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. If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.
SKIN CONTACT:	Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner. Watch out for any remaining product between skin and clothing, watches, shoes, etc. In the event of an allergic reaction, seek medical attention.
EYE CONTACT:	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.
GENERAL INFORMATION:	No additional data available
NOTES FOR THE DOCTOR:	No additional data available

5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.
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:	Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus. Keep packages near the fire cool, to prevent pressurised containers from bursting

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: - FOR NON-FIRST AID WORKER: - FOR FIRST AID WORKER:	Consult the safety measures listed under headings 7 and 8. Avoid any contact with the skin and eyes. 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. Prevent any material from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures Use drums to dispose of collected waste in compliance with current regulations (see section 13).
CLEANING UP METHODS FOR SPILLAGES:	Clean preferably with a detergent, do not use solvents.



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7: HANDLING AND STORAGE

USAGE PRECAUTIONS:

Individuals with a history of skin sensitisation should not, under any circumstance, handle this substance.
Always wash hands after handling.
Remove and wash contaminated clothing before re-using.
Remove contaminated clothing and protective equipment before entering eating areas.
Never open the packages under pressure.
Always keep in packaging made of an identical material to the original.

OCCUPATIONAL HYGIENE:

No smoking, eating or drinking in areas where the substance is used.

STORAGE PRECAUTIONS:

Keep the container tightly closed in a dry, well-ventilated place.
Keep away from food and drink, including those for animals.
Keep away from all sources of ignition - do not smoke.
Keep well away from all sources of ignition, heat and direct sunlight.

FIRE PREVENTION:

Avoid accumulation of electrostatic charges.
Handle in well-ventilated areas.
Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the occupational exposure limits.
Never inhale this substance.
Prevent the accumulation of electrostatic charges with connections to earth.
Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.
Keep packages tightly closed and away from sources of heat, sparks and naked flames.
Do not use tools which may produce sparks. Do not smoke.
Prevent access by unauthorised personnel.



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8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: No additional data available.

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.

Recommended properties:

- Impervious gloves in accordance with standard EN374

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. 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.

PERSONAL PROTECTION:

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

SKIN PROTECTION:

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.

ENVIRONMENTAL EXPOSURE CONTROLS:

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



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9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.
COLOUR:	Colourless to pale yellow.
ODOUR:	Characteristic.
RELATIVE DENSITY:	0.903 - 0.924 @ 20°C
FLASH POINT (°C):	23°C <= PE <= 55°C
REFRACTIVE INDEX:	1.465 – 1.472@ 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.

10: STABILITY AND REACTIVITY

REACTIVITY:	No dangerous reactions known.
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:	Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises. Avoid: <ul style="list-style-type: none">- accumulation of electrostatic charges.- heating- heat- flames and hot surfaces
INCOMPATIBLE MATERIALS:	No additional data available
HAZARDOUS DECOMPOSITION PRODUCTS:	The thermal decomposition may release/form: <ul style="list-style-type: none">- carbon monoxide (CO)- carbon dioxide (CO₂)



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11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	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. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
SKIN CORROSION / IRRITATION:	No additional data available.
SERIOUS EYE DAMAGE / IRRITATION:	No additional data available.
RESPIRATORY OR SKIN SENSITISATION:	No additional data available.
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. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.
PHOTO-TOXICITY:	No additional data available.
OTHER INFORMATION:	No additional data available.

12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Toxic to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways.
PERSISTENCE AND DEGRADABILITY:	No data available.
BIOACCUMULATIVE POTENTIAL:	No data available.
MOBILITY IN SOIL:	No data available.
RESULTS OF PBT AND VPVB ASSESSMENT:	No data available.
PRECAUTIONS:	No 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.



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14: TRANSPORT INFORMATION

UN No. ROAD: 1169
UN No. SEA: 1169
UN No. AIR: 1169
PROPER SHIPPING NAME: EXTRACTS, AROMATIC, LIQUID

TRANSPORT HAZARD CLASS(ES):

- ADR/RID/ADN CLASS: 3
- IMDG CLASS: 3
- ICAO CLASS: 3



PACKING GROUP:

- ADR/RID/ADN PACKING GROUP: III
- IMDG PACKING GROUP: III
- ICAO PACKING GROUP: III

ENVIRONMENTAL HAZARDS: Environmentally Hazardous
Substance/Marine Pollutant



SPECIAL PRECAUTIONS FOR USER:

- EMS: F-E, S-D.
- EMERGENCY ACTION CODE: F1
- HAZARD No.(ADR): 90 Environmentally hazardous substance.
- TUNNEL RESTRICTION CODE: (D/E)

TRANSPORT IN BULK ACCORDING TO ANNEX II
OF MARPOL73/78 AND THE IBC CODE: No additional data available

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.
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.

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.