



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

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

PRODUCT NAME: **Spikenard Essential Oil**

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

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **139**

CAS NUMBER: 8022-22-8 / 90064-28-1

EC NUMBER: 290-089-4

EINECS NUMBER: 290-089-4

INCI: Nardostachys jatamansi oil.

IDENTIFIED USES: Used in perfumery and for flavouring tobacco. Used in diluted form in vapour baths and for therapeutic body massage.

BIOLOGICAL DEFINITION: The volatile oil obtained by steam distillation of the dried roots of the plant Nardostachys jatamansi (D. Don) DC (fam. Valerianaceae).

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

UN-GHS: AH1

EU-CLP: AH1

[The Full Text for all Hazard Statements is Displayed in Section 16].

HUMAN HEALTH

May be fatal if swallowed and enters airways.

ENVIRONMENT

The product contains a substance which may cause long term adverse effects in the aquatic environment.

HYDROCARBON CONTENT: 80%

CLASSIFICATION (EC 1272/2008):

- PHYSICAL HAZARDS: See above
- HEALTH HAZARDS: Aspiration Hazard Category 1 – H304
- ENVIRONMENTAL HAZARDS: Not classified

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H304: May be fatal if swallowed and enters airways

SDS: **139 Spikenard Essential Oil**

Compiled by: Geoffrey Harris, Quality Control - Approved by Johndan Chilcott, Regulatory Affairs – Date: 31/07/2019 Version: 3



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PRECAUTIONARY STATEMENTS: P301/310: IF SWALLOWED, Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

CONTAINS: Beta-gurjunene, alpha- & beta-patchoulene, maaliene, aristolone, patchouli alcohol, seychellene, nardol, nardostachone, camphene, pinene, limonene.

OTHER HAZARDS:

PBT OR vPvB ACCORDING TO ANNEX XIII:

No

ADVERSE PHYSIO-CHEMICAL PROPERTIES:

Combustible but should not self-ignite

ADVERSE EFFECTS ON HUMAN HEALTH:

Aspiration Hazard.

3: COMPOSITION/INFORMATION ON INGREDIENTS

30% to 55% beta-Gurjunene

CAS No: 489-40-7

EC No: 207-695-1

Classification (EC 1272/2008):

Not determined

10% to 30% beta-Patchoulene

CAS No: 514-51-2

EC No: 208-182-5

Classification (EC 1272/2008):

Not determined

5% to 18% Maaliene

CAS No: Not registered

EC No: Not registered

Classification (EC 1272/2008):

Not determined.

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 induce vomiting!

Immediately rinse mouth and provide fresh air. Get medical attention.

SKIN CONTACT:

Remove contaminated clothing immediately and wash skin with soap and water. Get 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. Get medical attention immediately. Continue to rinse.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

- INHALATION:

Choking, drowsiness, respiratory disruptions.

- INGESTION:

May cause queasiness and stomach aches

- SKIN CONTACT:

May cause irritation and stinging

- EYE CONTACT:

May cause irritation and reddening

INDICATION OF ANY IMMEDIATE MEDICAL

ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional data available



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5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED:	Carbon dioxide (CO ₂). Powder. Water spray.
UNSUITABLE EXTINGUISHING MEDIA:	Full water jet.
SPECIAL HAZARDS ARISING FROM THE PRODUCT:	Closed containers may build up pressure at elevated temperatures.
ADVICE FOR FIREFIGHTERS:	
- SPECIAL FIRE FIGHTING PROCEDURES:	Avoid inhalation of generated fumes or vapours. Use appropriate respiratory equipment. Do not allow spillage into drains or waterways.
- PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:	Wear full protective clothing

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	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 or smoke. Maintain adequate ventilation in the working area after spilling.
ENVIRONMENT PRECAUTIONS: CLEANING UP METHODS FOR SPILLAGES:	Do not discharge into drains, water courses or onto the ground. Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors. 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.
REFERENCE TO OTHER SECTIONS:	Wear protective clothing as described in Section 8 of this safety data sheet.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Keep away from food, drink and animal feed products. When using do not smoke. Avoid contact with skin and eyes. Handle in accordance with good hygiene and safety
CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:	Keep product in its original container well sealed, in a dry, ventilated area, away from potential sources of ignition and protected from light. Stock according to local / national regulations and always follow the precautions indicated on labels.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS: PROTECTIVE EQUIPMENT:	No exposure limits noted for ingredient(s).
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PROCESS CONDITIONS:	Provide eyewash station.
APPROPRIATE ENGINEERING CONTROLS:	Provide adequate ventilation.
EYE/FACE PROTECTION:	Wear approved safety goggles

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HAND PROTECTION:	Chemical resistant gloves (PVC)
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of skin contact.
HYGIENE MEASURES:	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
PERSONAL PROTECTION:	Use personal protection according to Directive 89/686/EEC.
RESPIRATORY PROTECTION:	For high concentrations use respiratory equipment.
SKIN PROTECTION:	Wear apron or protective clothing in case of splashes.
ENVIRONMENTAL EXPOSURE CONTROLS:	Avoid discharging into drainage water. Only eliminate by authorised companies.

9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Mobile, slightly viscous liquid
COLOUR:	Yellow to yellow-brown
ODOUR:	Characteristic, earthy pleasant, woody
FLASH POINT °C:	85 c/c (lit.)
SPECIFIC GRAVITY @ 20°C:	0.930 to 0.980
REFRACTIVE INDEX @ 20°C:	1.480 to 1.525
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:	Stable under the recommended handling and storage conditions.
POSSIBLE HAZARDOUS REACTIONS:	No additional data available
CONDITIONS TO AVOID:	Avoid heating to elevated temperatures.
INCOMPATIBLE MATERIALS:	Materials To Avoid: Avoid mixing with strong acids, strong bases and oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide and unidentified organic compounds may be formed during combustion.

11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not determined
SKIN CORROSION / IRRITATION:	Not classified
SERIOUS EYE DAMAGE / IRRITATION:	Not classified
RESPIRATORY OR SKIN SENSITISATION:	Not classified
GERM CELL MUTAGENICITY:	Not listed as mutagenic
CARCINOGENICITY:	Not listed as carcinogenic
REPRODUCTIVE TOXICITY:	Not listed as reprotoxic
STOT-SINGLE EXPOSURE:	No data available
STOT-REPEATED EXPOSURE:	No data available
ASPIRATION HAZARD:	Aspiration Hazard Category 1 under EC 1272/2008 guidelines
PHOTO-TOXICITY:	Not listed as photo-toxic
OTHER INFORMATION:	No data available

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12: ECOLOGICAL INFORMATION

TOXICITY:	No information available.
PERSISTENCE AND DEGRADABILITY:	Not tested for persistence or biodegradability.
BIOACCUMULATIVE POTENTIAL:	Not determined.
MOBILITY IN SOIL:	Not determined.
RESULTS OF PBT AND VPVB ASSESSMENT:	No data available.
OTHER ADVERSE EFFECTS:	Do not allow product to enter streams, sewers or other waterways.

13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	Do not re-use empty containers. Empty residue into a suitable disposal site. Dispose of in compliance with all local and national regulations.
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14: TRANSPORT INFORMATION

UN No.:	Not regulated for transport
PROPER SHIPPING NAME:	Not classified
TRANSPORT HAZARD CLASS(ES):	Not regulated for transport
PACKING GROUP:	Not regulated for transport
ENVIRONMENTAL HAZARDS:	Do not allow to escape into environment, especially not into waterways, sewers or the sea.

SPECIAL PRECAUTIONS FOR USER:

- EMS:	Not allocated
- EMERGENCY ACTION CODE:	Not allocated
- Hazard No. (ADR):	Not allocated
- Tunnel Restriction Code (E):	Not assigned

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE:	Tariff Number 33012911
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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).



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16: OTHER INFORMATION

HAZARD AND/OR PRECAUTIONARY STATEMENTS IN FULL

AH 1 Aspiration hazard Category 1 – H304: May be fatal if swallowed and enters airways

P301/310: IF SWALLOWED, Immediately call a POISON CENTER or doctor/physician.

P331: Do NOT induce vomiting.

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.