

MYSTIC MOMENTS

Certificate of Analysis

| PRODUCT DETAILS | | | | | |
|--------------------------------------|---|----------------------------|---------|-----------------------|---------|
| Product Name | PEPPER OIL BLACK | | | | |
| Product Code | OEBLACPEPP | | | | |
| INCI Name | Piper Nigrum Fruit Oil | | | | |
| Manufacturer Date | 01/2028 | | | | |
| Best Before Date | January 2028 | | | | |
| Batch/Lot Number | 4566705 | | | | |
| Manufacturing Process | Obtained by stean distillation of dried unripe berries of Piper nigrum. | | | | |
| Identification | CAS No: 84929-41-9 | EINECS No: 284-524-7 | | | |
| | CoE No: 347 | FDA No: 182.20 | | | |
| | FEMA No: 2845 | Alternative Cas: 8006-82-4 | | | |
| PHYSICAL AND CHEMICAL CHARACTERISTIC | | | | | |
| | SPECIFICATION RANGE | RESULTS | | | |
| Appearance | Liquid | Conforms | | | |
| Colour | Yellowish to Greenish | Conforms | | | |
| Odour | Characteristic | Conforms | | | |
| Relative Density @ 20°C | 0.848 - 0.9295 | 0.8755 | | | |
| Refractive Index @ 20°C | 1.4700 - 1.4911 | 1.4806 | | | |
| Optical Rotation | - to -28 | -11.7 | | | |
| MAIN CONSTITUENTS | | | | | |
| CONSTITUENT RANGE | RESULTS | CONSTITUENT RANGE | RESULTS | CONSTITUENTS RANGE | RESULTS |
| Beta Caryophyllene >25 <30 | 30.70% | Limonene >10 <20 | 11.00% | Alpha Pinene >10 <15 | 8.90% |
| Beta Pinene >10 <15 | 9.20% | Sabiene >5 <10 | 9.20% | Delta-3-Carene >5 <10 | 4.50% |
| Myrcene >1 <5 | 1.30% | Alpha Phellandrene >1 <5 | 1.00% | | |
| STORAGE AND SHELF LIFE | | | | | |
| Storage | Store in tightly closed container with minimum headspace in a cool, dark and dry place. | | | | |
| Shelf Life | 12 months unopened and stored as above. | | | | |

MYSTIC MOMENTS

SAFETY DATA SHEET PEPPER OIL BLACK

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name PEPPER OIL BLACK

Synonyms; trade names Piper Nigrum Fruit Oil

CAS number Alternative 84929-41-9

Cas Number 8006-82-4

EC number 284-524-7

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Fragrance and flavour

1.3. Details of the supplier of the safety data sheet

Supplier

Madar Corporation Limited
19 - 20 Sandleheath Industrial Estate
Fordingbridge SP6 1PA

Tel. +44 1425 655 555(Opening Hours 9am - 5pm)
e-mail technical@madarcorporation.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2 - H411

Human health Fatal if swallowed May cause serious eye damage. May irritate eyes and skin.

Environmental The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Flammable liquid and vapour

2.2. Label elements

EC number 284-524-7
19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

PEPPER OIL BLACK

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.
 H319 Causes serious eye irritation.
 H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P240 Ground/ bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing vapour/ spray.
 P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 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.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321 Specific treatment (see medical advice on this label).
 P331 Do NOT induce vomiting.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 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.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P391 Collect spillage.
 P403+P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

(R)-p-mentha-1,8-diene, Beta Pinene, Alpha Pinene, Sabinene, Delta-3-Carene, Beta Bisabolene, a terpinolene, Neral, 1, 8 cineole, Geranial

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PEPPER OIL BLACK

| | | |
|--|------------------------|-----------------------|
| Beta Caryophyllene | | >25 <30 |
| CAS number: 87-44-5 | EC number: 201-746-1 | |
| Classification Skin Sens. 1B - H317 Asp. Tox. 1 - H304 | | |
| (R)-p-mentha-1,8-diene | | >10 < 20 |
| CAS number: 5989-27-5 | EC number: 227-813-5 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |
| Beta Pinene | | >10 <15 |
| CAS number: 127-91-3 | EC number: 242-060-2 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |
| Alpha Pinene | | >10 <15 |
| CAS number: 80-56-8 | EC number: 201-291-9 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |

PEPPER OIL BLACK

| | | |
|---|------------------------|---------------------|
| Delta-3-Carene | | >5 <10 |
| CAS number: 13466-78-9 | EC number: 236-719-3 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |
| Sabinene | | >5 <10 |
| CAS number: 3387-41-5 | EC number: 222-212-4 | |
| M factor (Acute) = 1 | | |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335 Aquatic Acute 1 - H400 | | |
| Alpha Phellandrene | | >1 <5 |
| CAS number: 99-83-2 | EC number: 202-792-5 | |
| Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 | | |
| Beta Phellandrene | | >1 <5 |
| CAS number: 555-10-2 | EC number: 209-081-9 | |
| Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304 | | |
| a-humulene | | >1 <5 |
| CAS number: 6753-98-6 | EC number: 229-816-7 | |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 | | |

PEPPER OIL BLACK

| | | |
|--|------------------------|------------------------|
| 7-methyl-3-methyleneocta-1,6-diene | | >1 <5 |
| CAS number: 123-35-3 | EC number: 204-622-5 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |
| Caryophyllene Oxide | | >0.5 <1 |
| CAS number: 1139-30-6 | EC number: 214-519-7 | |
| Classification Aquatic Chronic 2 - H411 | | |
| Beta Bisabolene | | >0.5 <1 |
| CAS number: 495-61-4 | | |
| Classification Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 | | |
| a terpinolene | | >0.5 <1 |
| CAS number: 586-62-9 | EC number: 209-578-0 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 | | |
| Neral | | >0.1 <0.5 |
| CAS number: 106-26-3 | EC number: 203-379-2 | |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 | | |

PEPPER OIL BLACK

| | | |
|---|----------------------|-------------------------|
| 1, 8 cineole | | >0.1 <0.5 |
| CAS number: 470-82-6 | EC number: 207-431-5 | |
| Classification Flam. Liq. 3 - H226 Skin Sens. 1B - H317 | | |
| Camphene | | >0.25 <0.5 |
| CAS number: 79-92-5 | EC number: 201-234-8 | |
| M factor (Chronic) = 1 | | |
| Classification Flam. Sol. 1 - H228 Eye Irrit. 2 - H319 Aquatic Chronic 1 - H410 | | |
| Geranial | | >0.1 <0.5 |
| CAS number: 141-27-5 | EC number: 205-476-5 | |
| Classification Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 | | |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------------|--|
| General information | Treat symptomatically. |
| Inhalation | Remove person to fresh air and keep comfortable for breathing. Get medical attention. |
| Ingestion | Do not induce vomiting. Get medical attention. Give plenty of water to drink. |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing. |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|---------------------|----------------------------|
| Ingestion | Harmful if swallowed. |
| Skin contact | Irritating to skin. |
| Eye contact | Causes serious eye damage. |

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

PEPPER OIL BLACK

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO₂), smoke, soot.

5.3. Advice for firefighters

Protective actions during firefighting Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Special protective equipment for firefighters Self contained breathing apparatus must be used in handling.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing and gloves. Keep unnecessary and unprotected personnel away from the spillage. Follow safety measures as mentioned in sections "handling and storage" and "exposure controls/personal protection". No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wipe up little amounts with absorbent material like cloth or pulp. Water and cleansing agent. Absorb with incombustible liquid binding material (sand, universal binders). Dispose of contaminated material as waste according to "disposal considerations".

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Use personal protection equipment as mentioned under "exposure controls and personal protection". Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide adequate ventilation. Do not get in eyes, on skin, or on clothing.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

DNEL

Workers - Inhalation; Long term systemic effects: 33.3 mg/m³

General population - Oral; Long term systemic effects: 4.76 mg/kg

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PEPPER OIL BLACK

PNEC

- STP; 1.8 mg/l
- Soil; 0.262 mg/kg
- Fresh water; 0.0054 mg/l
- Marine water; 0.00054 mg/l
- Sediment (Freshwater); 1.32 mg/kg
- Sediment (Marinewater); 0.13 mg/kg

Alpha Pinene (CAS: 80-56-8)

DNEL

Workers - Inhalation; Long term systemic effects: 3.8 mg/m³
Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 0.67 mg/m³
General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day
General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

PNEC

- Fresh water; Short term 0.606 mg/l
- Fresh water, Intermittent release; 3.03 mg/l
- Marine water; Short term 0.061 mg/l
- Intermittent release, Marine water; 0.303 mg/l
- STP; Short term 0.2 mg/l
- Sediment (Freshwater); Short term 157 mg/kg
- Sediment (Marinewater); Short term 15.7 mg/kg
- Soil; Short term 31.7 mg/kg

Beta Pinene (CAS: 127-91-3)

DNEL

Workers - Inhalation; Long term systemic effects: 5.69 mg/m³
Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 1 mg/m³
General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg
General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

PNEC

- Fresh water; Short term 1.004 mg/l
- Intermittent release, Fresh water; 5.02 mg/l
- Marine water; Short term 0.1 mg/l
- STP; Short term 3.26 mg/l
- Sediment (Freshwater); Short term 0.337 mg/kg
- Sediment (Marinewater); Short term 0.034 mg/kg
- Soil; Short term 0.067 mg/kg

Delta-3-Carene (CAS: 13466-78-9)

DNEL

Workers - Inhalation; Long term systemic effects: 5.69 mg/m³
Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day
General population - Inhalation; Long term systemic effects: 1 mg/m³
General population - Dermal; Long term systemic effects: 0.3 bw/day, mg/kg
General population - Oral; Long term systemic effects: 0.3 bw/day, mg/kg

PNEC

- Fresh water; Short term 0.44 mg/l
- Marine water; Short term 0.044 mg/l
- STP; Short term 3.26 mg/l
- Sediment (Freshwater); Short term 104 mg/kg
- Sediment (Marinewater); Short term 10.4 mg/kg
- Soil; Short term 20.8 mg/kg

7-methyl-3-methylenoocta-1,6-diene (CAS: 123-35-3)

PEPPER OIL BLACK

DNEL Workers - Dermal; Long term systemic effects: 0.83 mg/kg
 Workers - Inhalation; Long term systemic effects: 5.83 mg/m³
 General population - Dermal; Long term systemic effects: 0.42 mg/kg
 General population - Inhalation; Long term systemic effects: 1.25 mg/m³

PNEC - STP; 0.2 mg/l
 - Soil; 1.015 mg/kg
 - Fresh water; 0.00028 mg/l
 - Marine water; 0.0008 mg/l
 - Sediment (Freshwater); 5.022 mg/kg
 - Sediment (Marinewater); 0.502 mg/kg

a terpinolene (CAS: 586-62-9)

DNEL Workers - Inhalation; Long term systemic effects: 3.6 mg/m³
 Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg
 General population - Inhalation; Long term systemic effects: 0.9 mg/m³
 General population - Dermal; Long term systemic effects: 0.26 bw/day, mg/kg
 General population - Oral; Long term systemic effects: 0.26 bw/day, mg/kg

PNEC - Fresh water; Short term 0.634 mg/l
 - Intermittent release, Fresh water; Short term 0.634 mg/l
 - Marine water; Short term 0.063 mg/l
 - STP; Short term 0.2 mg/l
 - Sediment (Freshwater); Short term 14.7 mg/kg
 - Sediment (Marinewater); Short term 14.7 mg/kg
 - Soil; Short term 29.1 mg/kg

1, 8 cineole (CAS: 470-82-6)

DNEL Workers - Inhalation; Long term systemic effects: 7.05 mg/m³
 Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day
 General population - Inhalation; Long term systemic effects: 1.74 mg/m³
 General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg
 General population - Oral; Long term systemic effects: 600 bw/day, mg/kg

PNEC - Fresh water; Short term 5.7 mg/l
 - Intermittent release, Fresh water; 0.57 mg/l
 - Marine water; Short term 5.7 mg/l
 - STP; Short term 10 mg/l
 - Sediment (Freshwater); Short term 1.425 mg/kg
 - Sediment (Marinewater); Short term 0.142 mg/kg
 - Soil; Short term 0.25 mg/kg

Camphene (CAS: 79-92-5)

DNEL Workers - Inhalation; Long term systemic effects: 110.19 mg/m³
 Workers - Inhalation; Short term systemic effects: 110.19 mg/m³
 Workers - Dermal; Long term systemic effects: 0.21 mg/kg, bw/day
 Workers - Dermal; Short term systemic effects: 1.25 bw/day, mg/kg
 General population - Inhalation; Long term systemic effects: 54.3 mg/m³
 General population - Inhalation; Short term systemic effects: 54.3 mg/m³
 General population - Dermal; Long term systemic effects: 0.1 bw/day, mg/kg
 General population - Dermal; Short term systemic effects: 0.625 bw/day, mg/kg
 General population - Oral; Long term systemic effects: 0.1 mg/kg, bw/day
 General population - Oral; Short term systemic effects: 0.625 bw/day, mg/kg

PEPPER OIL BLACK

PNEC

- Fresh water; Short term 0.001 mg/l
- Intermittent release, Fresh water; 0.001 mg/l
- Marine water; Short term 0 mg/l
- STP; Short term 10 mg/l
- Sediment (Freshwater); Short term 0.026 mg/kg
- Sediment (Marinewater); Short term 0.003 mg/kg
- Soil; Short term 0.021 mg/kg

8.2. Exposure controls

Protective equipment



Personal protection

General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

Eye/face protection

Approved safety goggles.

Hand protection

Use protective gloves. Material of gloves: The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has to be checked prior to the application. Penetration time of glove material >480 minutes at layer thickness of 0.425mm (Sol-Vex (37-695) from Ansell). Use gloves according to EN374. For permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR (e.g following product: Sol-Vex (37-695) from Ansell. For protection from splashes gloves made of the following are suitable: PVC gloves.

Other skin and body protection

Wear protective clothing.

Hygiene measures

Good personal hygiene procedures should be implemented.

Respiratory protection

Suitable respiratory protection: filter class A2 (brown colour). Use the rules for application of respiratory protection systems.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------|---|
| Appearance | Liquid. |
| Colour | Yellowish. to Greenish. |
| Odour | Characteristic. |
| Relative density | 0.865 - 0.885 @ 20c |
| Partition coefficient | REACH dossier information. Log Kow of the constituents of Orange ranges from 2.78 to 4.88. The fraction with log Kow >4 was 84% |
| Optical rotation | -28 to -2.5°C |

9.2. Other information

| | |
|------------------|---------------------|
| Refractive index | 1.477 - 1.488 @ 20c |
|------------------|---------------------|

Hydrocarbon Content

PEPPER OIL BLACK

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Oxidising agents. Acids. bases

10.6. Hazardous decomposition products

Hazardous decomposition products No dangerous decomposition products expected by intended use.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Skin corrosion/irritation REACH dossier information., Irritating to skin.

Skin sensitisation

Skin sensitisation REACH dossier information. Sensitising.

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

Biodegradation Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient REACH dossier information. Log Kow of the constituents of Orange ranges from 2.78 to 4.88. The fraction with log Kow >4 was 84%

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Recycling is preferred to disposal or burning. Disposal must be made according to official regulations. Must not be disposed together with household waste.

PEPPER OIL BLACK

SECTION 14: Transport information

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 1169 |
| UN No. (IMDG) | 1169 |
| UN No. (ICAO) | 1169 |
| UN No. (ADN) | 1169 |

14.2. UN proper shipping name

Proper shipping name (ADR/RID) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (IMDG) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ICAO) EXTRACTS, AROMATIC, LIQUID

Proper shipping name (ADN) EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

| | |
|-----------------------------|----|
| ADR/RID class | 3 |
| ADR/RID classification code | F1 |
| ADR/RID label | 3 |
| IMDG class | 3 |
| ICAO class/division | 3 |
| ADN class | 3 |

Transport labels



14.4. Packing group

| | |
|-----------------------|-----|
| ADR/RID packing group | III |
| IMDG packing group | III |
| ICAO packing group | III |
| ADN packing group | III |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

| | |
|--|----------|
| EmS | F-E, S-D |
| ADR transport category | 3 |
| Emergency Action Code | 3Y |
| Hazard Identification Number (ADR/RID) | 30 |

PEPPER OIL BLACK

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 27/07/2017

Revision 2

Supersedes date 05/04/2016

SDS number 4658

Hazard statements in full

- H225 Highly flammable liquid and vapour.
- 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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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MYSTIC MOMENTS

Product Specification

| PRODUCT DETAILS | | |
|---|---|----------------------------|
| Product Name | PEPPER OIL BLACK | |
| | | |
| INCI Name | Piper Nigrum Fruit Oil | |
| Country of Origin | India | |
| Tariff Number | 9041100 | |
| Natural Status | We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural Piper nigrum flavouring in accordance with Article 16. | |
| Food Grade Status | We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food. | |
| Kosher Certified | Yes | |
| Halal Certified | We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process. | |
| GMO Declaration | To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms, however, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance. | |
| Manufacturing Process | Obtained by stean distillation of dried unripe berries of Piper nigrum. | |
| Identification | CAS No: 84929-41-9 | EINECS No: 284-524-7 |
| | CoE No: 347 | FDA No: 182.20 |
| | FEMA No: 2845 | Alternative Cas: 8006-82-4 |
| PHYSICAL AND CHEMICAL CHARACTERISTIC | | |
| Appearance | Liquid | |
| Colour | Yellowish to Greenish | |
| Odour | Characteristic | |
| Relative Density @ 20°C | 0.865 - 0.885 | |
| Refractive Index @ 20°C | 1.477 - 1.488 | |
| Optical Rotation | -28 to -2.5c | |
| Hydrocarbon content | 96% | |
| FRAGRANCE ALLERGENS | | |
| Linalool (78-70-6) <1.0% | Citral (5392-40-5) <1.0% | Geraniol (106-24-1) <0.1% |
| D-Limonene (5989-27-5) >10 <20% | | |
| FOOD ALLERGENS | | |
| We hereby declare to the best of uor knowledge and from information received from our supplier, that this product is free from any food allergens or intoleranes as defined in Annex II of Regulation (EU) 1169/2011. | | |
| IFRA | | |
| Methyl Eugenol (93-15-2) <0.1% | Citral (5392-40-5) <1.0% | Geraniol (106-24-1) <0.1% |
| STORAGE AND SHELF LIFE | | |
| Storage | Store in tightly closed container with minimum headspace in a cool, dark and dry place. | |
| Shelf Life | 12 months unopened and stored as above. | |

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Where Global Essence make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material.

MYSTIC MOMENTS

Vegan and Vegetarian Statement

| IDENTIFICATION | |
|---|------------------|
| Product: | Black Pepper Oil |
| Cas No: | 84929-41-9 |
| EINECS No: | 284-524-7 |
| STATEMENT | |
| <p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:</p> <p>Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey)).</p> <p>Lacto Vegetarians (Same as vegan but allows milk products and bee products.</p> <p>Ovo Vegetarians (Same as vegan but allows egg products and bee products)</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>1st July 2020</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p> | |