

MYSTIC MOMENTS

Certificate of Analysis

PRODUCT DETAILS		
Product Name	PEPPER OIL BLACK	
Product Code	OEBLACPEPP	
INCI Name	Piper Nigrum Fruit Oil	
Manufacturer Date		
Best Before Date	03/2027	
Batch/Lot Number	4537905	
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	Colourless to Pale Greenish Yellow	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	0.848 - 0.9295	0.8664
Refractive Index @ 20°C	1.4700 - 1.4911	1.4835
Optical Rotation	-1 to -28c	-15
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	36 months unopened and stored as above.	

ALLERGEN 2023 DECLARATION

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

BLACK PEPPER OIL

Ingredient	CAS	EC	Concentration (%)
Alpha-Terpinene	99-86-5	202-795-1	0.1%
Beta-Caryophyllene	87-44-5	201-746-1	35%
Limonene	138-86-3, 7705-14-8, 5989-54-8, 5989-27-5	205-341-0, 231-732-0, 227-815-6, 227-813-5	23%
Linalool	78-70-6	201-134-4	0.9%
Pinene	80-56-8, 7785-70-8, 127-91-3, 18172-67-3	201-291-9, 232-087-8, 204-872-5, 242-060-2	38%
Terpineol	8000-41-7, 98-55-5, 138-87-4, 586-81-2	232-268-1, 202-680-6, 205-342-6, 209-584-3	0.1%
Terpinolene	586-62-9	209-578-0	0.9%

Please note components <1ppm are not shown.

Regulatory Affairs Department

CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

CERTIFYING PARTY:

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

CERTIFICATE DELIVERED TO:

SCOPE OF THE CERTIFICATE:

BLACK PEPPER OIL

COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published June 2023), provided it is used in the following categories at a maximum concentration level of:

IFRA Categories [see Annex 1 below for details]	Maximum Level of use (%)
IFRA Category 1	0.70%
IFRA Category 2	2.50%
IFRA Category 3	0.70%
IFRA Category 4	18.33%
IFRA Category 5A	2.50%
IFRA Category 5B	0.35%
IFRA Category 5C	0.70%
IFRA Category 5D	0.11%
IFRA Category 6	1.66%
IFRA Category 7A	0.70%
IFRA Category 7B	0.70%
IFRA Category 8	0.11%
IFRA Category 9	2.83%
IFRA Category 10A	1.03%
IFRA Category 10B	3.50%
IFRA Category 11A	0.11%
IFRA Category 11B	0.11%
IFRA Category 12	Not limited

For other kinds of application or use at higher concentration levels, a new evaluation can be needed;

ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture BLACK PEPPER OIL is as follows:

Materials with an IFRA limit:	CAS number(s):	Concentration (%) in the fragrance mixture
Eugenyl methyl ether	93-15-2	0.0600%

Regulatory Affairs Department

ANNEX 1

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

IFRA Category	Product Type
IFRA Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Childrens toys
IFRA Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.); Body sprays (including body mist)
IFRA Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer; Facial make up and foundation; Make-up remover for face and eyes; Nose pore strips; Wipes or refreshing tissues for face, neck, hands, body; Body and face paint (for children and adults); Facial masks for face and around the eyes
IFRA Category 4	Hydroalcoholic and nonhydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms); Fragranced bracelets; Ingredients of perfume kits and fragrance mixtures for cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products
IFRA Category 5A	Body creams, oils, lotions of all types; Foot care products (creams and powders); Insect repellent (intended to be applied to the skin); All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Facial toner; Facial moisturizers and creams (including care products for beard and mustache)
IFRA Category 5C	Hand cream; Nail care products including cuticle creams, nail lacquer remover, etc.; Hand sanitizers
IFRA Category 5D	Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g., relaxers), including rinse-off hair dyes
IFRA Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.); Hair styling aids non sprays (mousse, gels, leave-on conditioners); Hair permanent or other hair chemical treatments (leave-on) (e.g., relaxers), including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer, hair perfume
IFRA Category 8	Intimate wipes; Intimate deodorant spray; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Bar soap; Shampoo of all types; Cleanser for face (rinse-off); Conditioner (rinse-off); Liquid soap; Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater (such as bath bombs); Foot care products (feet are placed in a bath for soaking); Shaving creams of all types (stick, gels, foams, etc.); All depilatories (including facial) and waxes for mechanical hair removal
IFRA Category 10A	Hand wash laundry detergent (including concentrates); Laundry pre-treatment of all types (e.g. paste, sprays, sticks); Hand dishwashing detergent (including concentrates); Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Machine laundry detergents with skin contact (e.g., liquids, powders) including concentrates; Toilet seat wipes; Fabric softeners of all types excluding fabric softener sheets; Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g., starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.; Ironing water (Odorized distilled water); Dry cleaning kits (involving manual application on the textile)
IFRA Category 10B	Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Feminine hygiene conventional pads, liners, interlabial pads; Baby diapers; Incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Pillow spray; Paper towels; Wheat bags; Facial masks (paper/protective) e.g., surgical masks not used as medical device; Fertilizers, solid (pellet or powder)
IFRA Category 12	Candles of all types (including encased); Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals, solid non aerosol car diffuser); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact (e.g., fabric drying machine deodorizers, carpet powders); Dry cleaning kits (placed in the dryer); Dryer sheets and fabric softener sheets; Fuels; Insecticides (e.g., mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers – for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (toilet); Toilet gel; Scent beads

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
Product number	BLAPEP1000
Synonyms; trade names	Piper Nigrum Fruit Oil
CAS number	84929-41-9
Alternative 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
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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 655555 e-mail technical@madarcorporation.co.uk
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

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
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PEPPER OIL BLACK

Hazard pictograms



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 and bond container and receiving equipment.
 P241 Use explosion-proof electrical equipment.
 P242 Use non-sparking tools.
 P243 Take action to prevent static discharges.
 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 or 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 Aquatic Chronic 4 - H413		
(R)-p-mentha-1,8-diene		>10 < 20
CAS number: 5989-27-5	EC number: 227-813-5	
M factor (Acute) = 1		
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412		
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		
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		

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Sabinene		>5 <10
CAS number: 3387-41-5	EC number: 222-212-4	
Classification Acute Tox. 4 - H302		
Delta-3-Carene		>5 <10
CAS number: 13466-78-9	EC number: 236-719-3	
M factor (Acute) = 1		
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		
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		

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7-methyl-3-methylenoocta-1,6-diene		>1 <5
CAS number: 123-35-3	EC number: 204-622-5	
M factor (Acute) = 1		
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411		
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		

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Camphene		>0.25 <0.5
CAS number: 79-92-5	EC number: 201-234-8	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Flam. Sol. 1 - H228 Eye Irrit. 2 - H319 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		
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		
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

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

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 mg/kg, bw/day
General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day

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)

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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 mg/kg, bw/day

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 bw/day, mg/kg
 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 mg/kg, bw/day

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 mg/kg, bw/day
 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 bw/day, mg/kg
 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	0.845 - 0.927 @ 20c
Optical rotation	-28 to -2.5°C

9.2. Other information

Refractive index	1.476 - 1.492 @ 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

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.

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SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1197
UN No. (IMDG)	1197
UN No. (ICAO)	1197
UN No. (ADN)	1197

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	EXTRACTS, LIQUID
Proper shipping name (IMDG)	EXTRACTS, LIQUID
Proper shipping name (ICAO)	EXTRACTS, LIQUID
Proper shipping name (ADN)	EXTRACTS, 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

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

Inventories

EU - EINECS/ELINCS

Complies

Canada - DSL/NDSL

Complies

US - TSCA

Complies

Australia - AIC

Complies

Korea - KECI

Complies

China - IECSC

Complies

Philippines – PICCS

Complies

New Zealand - NZIOC

Complies

Taiwan - TCSI

Complies

SECTION 16: Other information

Revision date 26/01/2023

Revision 6

Supersedes date 22/04/2022

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.

PEPPER OIL BLACK

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.

SPECIFICATION

The following information is accurate to the best of our knowledge
Please see our Safety Data Sheet for the hazardous information of this product.

PRODUCT:	BLACK PEPPER OIL
PRODUCT CODE:	OEPEPPBLAC
CAS NO:	84929-41-9
Other Identifier:	EC NO: 284-524-7 Alternate CAS: 8006-82-4 FEMA No: 2845
Tariff Number:	33012949
Appearance (state):	Liquid
Appearance (colour):	Colourless to Pale Greenish Yellow
Specific Gravity @ 20C:	0.8480 - 0.9295
Refractive Index @ 20C:	1.4700 - 1.4911
Optical Rotation:	-1 to -28
Flash Point:	50 °C
Melting Point:	-20 °C
Boiling Point:	196 °C
Heavy Metals:	Arsenic <1ppm Lead <3ppm Cadmium <1ppm Mercury <0.1ppm
Storage:	Store in a well-ventilated place. Keep container tightly closed.!
Shelf Life:	Refer to COA

Regulatory Department

This specification is computer generated and valid without a signature

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>	