

BLACK PEPPER ESSENTIAL OIL MATERIAL SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking
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Product name: PEPPER OIL (BLACK)

CAS number: 84929-41-9

EINECS number: 284-524-7

FEMA No: 2845

Product code: POIV100412

Use / description of product: Liquid. E.U Commodity Code: 3301 29 41 FDA: 182.20 Country of Origin: EU (Ex Indian Peppers). INCI Name: Piper nigrum.

Company name: G. Baldwin & Co.

173 Walworth Road,

LONDON, ENGLAND. SE17 1RW.

Telephone: +44 (0) 207 703 5550 Fax: +44 (0)207 252 6264

E-mail: info@baldwins.co.uk

Web: www.baldwins.co.uk

Emergency tel: +44 (0) 207 703 5550

(office hours only)

2. Composition / information on ingredients

Contains: Essential oil of Piper nigrum, Piperaceae. (distilled)

3. Hazards identification

Main hazards:

Flammable. Irritating to skin. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

Other hazards:

Risk of explosion if heated under confinement.

4. First aid measures (symptoms)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. First aid measures (action)

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

5. Fire-fighting measures

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Do not use water.

Exposure hazards: Flammable. In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

Personal precautions: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Do not attempt to take action without suitable protective clothing -see section 8 of SDS.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Mix with sand or vermiculite. Wash the spillage site with large amounts of water.

7. Handling and storage

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight.

Suitable packaging: 3-6 months from date of despatch if kept under optimum conditions.

8. Exposure controls / personal protection

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves should always be worn, for splash protection use PVC, for limited contact or more extensive contact nitrile gloves are advised. Glove performance can vary widely and the user is advised to obtain appropriate professional advice taking into account the conditions under which the glove is to be used.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. Physical and chemical properties

State: Liquid

Colour: Pale green

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Viscosity: Non-viscous

Flash point°C: 47

Refractive Index: 1.4780 to 1.4880

Optical Rotation: -10.0 to -30.0

Relative density: 0.856 to 0.885

% Hydrocarbon: 95

10. Stability and reactivity

Stability: Stable at room temperature.

Conditions to avoid: Direct sunlight. Heat. Sources of ignition.

Materials to avoid: Oxidising agents. Strong acids. Strong bases.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

11. Toxicological information

Chronic toxicity: May cause sensitisation by skin contact.

Routes of exposure: No data available.

12. Ecological information

Mobility: Insoluble in water. Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

13. Disposal considerations

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

ADR / RID

UN no: 1169 ADR Class: 3

Hazard ID no: 30 Labelling: 3

Shipping name: Extracts, Aromatic, Liquid

IMDG / IMO

UN no: 1169 Class: 3

Packing group: III EmS: F-E, S-D

Marine pollutant: Yes Labelling: 3

IATA / ICAO

UN no: 1169 Class: 3

Packing group: III Packing instructions: 310

Quantity: 220 L

Labelling: 3

15. Regulatory information

Hazard symbols: Harmful.

Flammable.

Dangerous for the environment.

Risk phrases: R10: Flammable.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Additional information

Additional information: Recommended for professional use only as an ingredient in perfumes and food flavours.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



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