SAFETY DATA SHEET

(According to Regulation (EU) No. 1907/2006 and OSHA (US) 29 CFR 1910.1200 and 49 CFR)

Product: Black Pepper Oil

Version: 7 SDS#0010 Revision date: 3/12/2025

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 **Product identifier:** Black Pepper Oil

HBNO identifier: 1200

Chemical name: Piper Nigrum Fruit Oil

CAS: 8006-82-4

EC Number: 284-524-7

EC REACH Registration number: -

Index No / Inventory Num.: -

1.2 **Usage:** This product is only intended for use as an ingredient in the manufacturing of mixtures.

Strongly discouraged: Not intended for the general public. Do not ingest as such.

1.3 **Details of the supplier of the safety data sheet:**

IL Health & Beauty Natural Oils Co., Inc.
2644 Hegan Ln, Chico, CA 95928
Tel, USA: 1-530-399-3782
info@hbno.com

1.4 **24 Hour Emergency telephone number:**

USA National Poison Control Center (any day/time) 1 (412) 681-6669.

Section 2: Hazard Identification

2.1 **Classification of the substance or mixture**

Classification according to the Regulation (EC) No 1272/2008.

Flammable Liquid 3 H226

Aspiration Toxicity 1 H304

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Skin Irritation 2 H315

Skin Sensitization 1 H317

2.2 **Label Elements**

Signal word: Danger.



Hazard Statements

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P240 Ground/bond container and receiving equipment.

P233 Keep container tightly closed.

P242 Use only non-sparking tools.

P273 Avoid release to the environment.

P243 Take precautionary measures against static discharge.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P331 Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of soap and water. P391 Collect spillage.

P405 Store locked up.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other Hazards

N/A

Section 3: Composition/Information on Ingredients

3.1 Substances

Concentration range of the constituent (% weight/weight)	EC Number / Registration Number	CAS	Chemical Name
100%	284-524-7	8006-82-4	Piper Nigrum Fruit Oil

Section 4: First Aid Measures

4.1 Description of First Aid Measures

Consumption:
If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.

Eye contact:
First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Inhalation:
Remove person to fresh air and keep at rest.

Skin contact:
Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

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

The severity of the symptoms described will vary depending of the concentration and the length of exposure. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction..

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

Section 5: Fire Fighting Measures

5.1 Extinguishing media:

Recommended: Foam or dry powder. For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture:

Not applicable.

5.3 Advice for firefighters:

Closed containers may build up pressure at elevated temperatures. Avoid inhalation of fumes or vapors. Use appropriate respiratory protection. Prevent run-off from fire fighting to enter drains or water courses.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Do NOT smoke and do NOT expose the product to an open flame or to any other potential source of ignition. Wear appropriate gloves to prevent skin exposure.

Avoid contact with skin and inhalation of its vapors or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up:

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Ventilate the area and wash spill site after material pickup is complete. Dispose of it in accordance with current laws and regulations.

6.4 Reference to other sections:

See also sections 8 and 13.

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Section 7: Handling and storage

7.1 Precautions for safe handling:

Keep away from food, drink and animal feeding stuffs. Do not smoke. Avoid contact with skin and eyes.

Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 Specific end use(s):

Not available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Declaration of substances is not required.

8.2 Exposure controls

Personal protection equipment:

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

Engineering Controls-Ventilation:

The areas where the product is handled and stored should be adequately ventilated.

Respiratory Protection:

Use personal breathing apparatus whenever deemed necessary.

Skin Protection:

Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Eye/Face protection:

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Liquid

Odor: Characteristic

Odor Threshold: N/A

pH: N/A

Melting Point/Freezing Point: N/A

Initial Boiling Point and Boiling Range: N/A

Flash Point: 46 °C

Evaporation Rate: N/A

Flammability: N/A

Upper/Lower Flammability or Explosive Limits: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Relative Density: 0.89 @ 25 °C

Solubility: N/A

Partition Coefficient (n-octanol/water): N/A

Auto-Ignition Temperature: N/A

Decomposition Temperature: N/A

Section 10: Stability and reactivity

10.1 **Reactivity:** Not available.

10.2 **Chemical stability:** Stable under normal operating conditions.

10.3 **Possibility of hazardous reactions:** Hazardous Polymerization: It does not undergo any dangerous reactions under normal conditions.

10.4 **Conditions to avoid:** Heat, flames, and other sources of ignition.

No special precautions other than good housekeeping of chemicals.

10.5 **Incompatible materials:** Oxidizing mineral acids, strong reducing agents, strong oxidizing agents.

10.6 **Hazardous decomposition products:** Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

Section 11: Toxicological information

11.1 **Information on toxicological effects**

Acute toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Skin corrosion/irritation:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage/irritation:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Respiratory or skin sensitization:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ cell mutagenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Carcinogenicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008
STOT-single exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT-repeated exposure:	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration toxicity:	This substance meets the criteria for classification in accordance with Regulation (EC) No 1272/2008.

Section 12: Ecological information

12.1 Acute aquatic toxicity: Not determined.

12.2 Persistence and degradability: Not available.

12.3 Bioconcentration Factor: Not determined.

12.4 Mobility in soil: Not available.

12.5 Results of PBT and vPvB assessment: Not determined.

12.6 Other adverse effects: Do not allow the material to enter streams, sewers, or other waterways.

Section 13: Disposal considerations

13.1 Waste treatment methods

Container disposal: Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralize. Empty residue into a suitable disposal site.

Disposal conditions: Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

Section 14: Transport information

14.1 International Carriage of Dangerous Goods by Road (ADR)

UN No.:UN1197

Proper Shipping Name: EXTRACTS, LIQUID

Packing Group: III

Class: 3

Tunnel restriction code: (D/E)

Label: 

14.2 Sea Transport (IMDG)

UN No.:UN1197

Proper Shipping Name: Extracts, liquid

Packing Group: III

Class: 3

Marine Pollutant: Yes

Label: 

14.3 Air Transport (ICAO/IATA)

UN No.:UN1197

Proper Shipping Name: Extracts, liquid

Packing Group: III

Class: 3

Label: 

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Section 15: Regulatory information

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

Not available

15.2 Chemical safety assessment:

Not available.

Section 16: Other information

Key literature references and sources for data:

1. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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.
3. Occupational Safety and Health Administration (US); 29 CFR 1910 and 49 CFR, March 28, 2012, modifying the Hazard Communication Standard (HCS) and aligning it with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as established by the United Nations (UN).

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