

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT NAME & COMPANY IDENTIFICATION

1. **Product:** BLACK PEPPER ESSENTIAL OIL
2. **Product Category:** Essential Oil & Derivative
3. **CAS NO:** 8006-82-4
4. **Purpose:** Various
5. **Company Name:**
Hiya India Biotech Pvt. Ltd.
B-51, Okhla Industrial Area, Phase-1,
New Delhi-110020, India.

2. COMPOSITION / INGREDIENT INFORMATION

1. **Ingredients:** Delta 3 Carene & Caryophyllene
2. **Hazardous ingredient(s):** None

3. HAZARDS IDENTIFICATION

1. **Warning from Label:** Keep out of the reach of children under 6 years of age. In case of accidental ingestion, seek professional assistance or contact a Poison Control Center immediately.
2. **Eye Contact:** Direct ocular exposure to large amounts may cause eye irritation, but no permanent eye injury is expected.
3. **Skin Contact:** May cause skin irritation upon prolonged and excessive contact. However, as part of a normal daily hygiene program, no skin irritation is expected.
4. **Ingestion:** As part of a normal daily oral hygiene program, incidental quantities ingested pose no threat to health.
5. **Inhalation:** No hazards expected under normal conditions of use.

4. FIRST AID MEASURES

1. **Eye Contact:** In case of contact, flush with large amounts of water for 15 minutes.
2. **Skin Contact:** In case of contact, rinse area with water.
3. **Ingestion:** Drink 2-4 ounces of a clear liquid. Get medical attention.
4. **Inhalation:** Not applicable.

5. FIRE FIGHTING MEASURES

1. **Flash Point:** Not Flammable
2. **Flammable Limits:** NA
3. **Extinguishing Media:** NA
4. **Special Fire Fighting Procedures:** NA
5. **Unusual Fire and Explosion Hazards:** NA

6. ACCIDENTAL RELEASE MEASURES

1. **Respiratory Protection:** None Ventilation: LOCAL EXHAUST

7. HANDLING & STORAGE

1. **Spill Release Procedures:** WASH AREA W/WATER
2. **Waste Disposal Methods:** BURY/INCINERATE IAW/FEDERAL, STATE & LOCAL REGULATIONS.
3. **Handling and Storage Precautions:** Store in cool dry place in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

1. **Respiratory Protection:** No special equipment required.
2. **Ventilation:** Use normal ventilation
3. **Local Exhaust:** Should be adequate
4. **Mechanical (General):** Normal air conditioning, Special: Not required
5. **Other:** Not required
6. **Protective Gloves:** None
7. **Eye Protection:** None

9. PHYSICAL AND CHEMICAL PROPERTIES

1. **Appearance/Odor:** Colorless to bluish green color liquid
2. **Refractive Index:** 1.475 – 1.492
3. **Specific gravity:** 0.864 – 0.927
4. **Boiling point:** Not determined
5. **Flash point:** Not determined
6. **Flammability:** Not determined
7. **Autoflammability:** Not determined
8. **Explosive properties:** Not determined
9. **Oxidizing properties:** Not determined
10. **Vapor density:** Not determined
11. **Volatile by volume:** Not determined
12. **Evaporation rate:** Not determined
13. **pH of product:** Not determined
14. **Solubility in water:** Insoluble

10. STABILITY AND REACTIVITY DATA

1. **Stability:** Stable
2. **Conditions to Avoid:** Extreme heat, contents in plastic container Incompatibility (Materials to avoid): Strong oxidizers

3. **Hazardous Decomposition:** Fluoride-containing compounds and derivatives

4. **Hazardous Polymerisation:** Will not occur

11. TOXICOLOGICAL INFORMATION

1. **None Available**

12. ECOLOGICAL INFORMATION

1. **Readily biodegradable:** Not determined

2. **Inherently biodegradable:** Not determined

3. **Further information:** Prevent contamination of soil, ground and surface waters. Do not discharge product unmonitored into the environment.

13. DISPOSAL CONSIDERATIONS

1. Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules).

2. Do not dump into sewers, and body or water or onto the ground.

14. TRANSPORT INFORMATION

1. ADR – not restricted

2. RID – not restricted

3. ADN – not restricted

4. IMDG – not restricted

5. IATA – not restricted

15. OTHER REGULATORY INFORMATION

Hazard Symbol NA, not assessed

16. OTHER INFORMATION

The information above is based on the best information currently available to us. However, we do not claim any warranty of merchantability or any other warranty, express or implied, with respect to such information and **Hiya India Biotech Pvt. Ltd** Assume no liability resulting from its use. Users should make their own investigations to determine the suitability the information for their particular purposes.