

# Material Safety Data Sheet (MSDS)

**Product Name:** Piperine Dry Extract 95%

**MSDS Generate Date:** 20-05-2017

**Revision Date:** 30-12-2024

## Supplier:

Rawpharma Biz Pvt Ltd  
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## 1. Identification of the Substance/Preparation and Company

- **Chemical Name:** Piperine
- **Common Name:** Piperine Dry Extract
- **CAS Number:** 94-62-2
- **EINECS Number:** 202-283-7
- **Purity:** 95%

## 2. Composition / Information on Ingredients

- **Piperine:** 95%
- **Other constituents:** 5% (natural excipients from Piper nigrum extract)

## 3. Hazards Identification

- **GHS Classification:** Not classified as hazardous under GHS
- **Potential Health Effects:**

- **Inhalation:** May cause mild respiratory irritation
- **Skin contact:** May cause minor irritation in sensitive individuals
- **Eye contact:** May cause temporary irritation
- **Ingestion:** Low toxicity, may cause gastrointestinal discomfort in large amounts

#### 4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist
- **Skin Contact:** Wash with soap and water. Seek medical advice if irritation occurs
- **Eye Contact:** Rinse immediately with plenty of water for 15 minutes. Seek medical attention if irritation persists
- **Ingestion:** Rinse mouth and drink water. Do not induce vomiting unless directed by a physician

#### 5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water spray, foam, dry chemical, or CO<sub>2</sub>
- **Unsuitable Extinguishing Media:** None specified
- **Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing
- **Hazardous Combustion Products:** Carbon oxides may be released

#### 6. Accidental Release Measures

- **Personal Precautions:** Use gloves, mask, and protective eyewear
- **Environmental Precautions:** Avoid release into water bodies
- **Cleanup Methods:** Sweep up and collect in suitable containers. Dispose according to local regulations

#### 7. Handling and Storage

- **Handling:** Avoid dust formation. Use with adequate ventilation
- **Storage:** Store in a cool, dry place in tightly closed containers, away from direct sunlight and moisture

#### 8. Exposure Controls / Personal Protection

- **Engineering Controls:** Local exhaust ventilation recommended
- **Personal Protective Equipment:**
  - Gloves
  - Protective goggles
  - Dust mask if exposure is likely
- **Hygiene Measures:** Wash hands after handling; do not eat or smoke in the work area

## 9. Physical and Chemical Properties

- **Appearance:** Yellowish-brown fine powder
- **Odor:** Characteristic pungent smell
- **Solubility:** Slightly soluble in water, soluble in ethanol, chloroform
- **Melting Point:** 130–133°C
- **Boiling Point:** 353°C
- **pH:** Not applicable

## 10. Stability and Reactivity

- **Chemical Stability:** Stable under normal conditions
- **Conditions to Avoid:** Excessive heat, moisture, and light
- **Incompatible Materials:** Strong oxidizing agents
- **Hazardous Decomposition Products:** Carbon oxides on combustion

## 11. Toxicological Information

- **Acute Toxicity:** Low toxicity
- **Chronic Toxicity:** No known chronic effects
- **Irritation:** May cause mild skin and eye irritation
- **Carcinogenicity:** Not classified as carcinogenic

## 12. Ecological Information

- **Ecotoxicity:** No known adverse effects on aquatic organisms

- **Persistence and Degradability:** Biodegradable
- **Bioaccumulative Potential:** Low

### 13. Disposal Considerations

- Dispose of in accordance with local, state, and national regulations
- Avoid release to the environment

### 14. Transport Information (Detailed)

- **UN Number:** Not regulated
- **Proper Shipping Name:** Piperine Dry Extract 95%
- **Transport Hazard Class:** Not classified as hazardous
- **Packing Group:** Not applicable
- **Environmental Hazards:** Not environmentally hazardous
- **Transport Precautions:**
  - Keep containers tightly closed
  - Protect from moisture and sunlight
  - Avoid spillage during transport
- **Mode of Transport:**
  - **Road (ADR/RID):** Non-hazardous
  - **Air (IATA/ICAO):** Not restricted
  - **Sea (IMDG):** Not restricted

### 15. Regulatory Information

- Not classified under major global regulatory frameworks (OSHA, WHMIS, EU directives)
- Complies with local chemical handling regulations

### 16. Other Information

- **Disclaimer:** Information is based on current knowledge and relates only to the product as supplied. It does not constitute a guarantee of specific properties. Users should conduct their own risk assessment.
- **MSDS Generate Date:** 20-05-2017
- **Revision Date:** 30-12-2024
- **Website:** [www.rawpharmabiz.com](http://www.rawpharmabiz.com)
- MSDS are based on the manufacturer's provided information.