

# RAW essentials

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## SAFETY DATA SHEET

### SECTION 1 – PRODUCT IDENTIFICATION

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** Camphor  
**Chemical Name:** Camphor  
**CAS Number:** 76-22-2  
**Molecular Formula:** C<sub>10</sub>H<sub>16</sub>O  
**Molecular Weight:** 152.23 g/mol

#### 1.2 RELEVANT USAGE OF ITEM

Raw material for cosmetic formulations

#### 1.3 Supplier Information

Raw Essentials  
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### SECTION 2 – HAZARDS IDENTIFICATION

#### 2.1 GHS Classification:

Flammable Solid (Category 2)  
Acute Toxicity – Oral (Category 4)  
Serious Eye Irritation (Category 2A)

#### 2.2 Signal Word: Warning

#### 2.3 Hazard Statements:

Flammable Solid  
Harmful if swallowed  
Causes serious eye irritation

#### 2.4 Specific Hazards

May emit carbon oxides during combustion.  
Dust may form explosive mixtures with air.

### SECTION 3 – FIRST AID MEASURES

**Inhalation:** Move person to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:** Wash thoroughly with soap and water. Remove contaminated clothing.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Seek medical advice if irritation persists.

**Ingestion:** Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek immediate medical attention.

### SECTION 4 – FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Dry chemical  
Carbon dioxide (CO<sub>2</sub>)  
Alcohol-resistant foam

## SECTION 5 – Accidental Release MEASURES

Eliminate ignition sources.  
Avoid dust generation.  
Collect spilled material using non-sparking tools.  
Dispose according to local regulations.

## SECTION 6 – HANDLING AND STORAGE

### 6.1 Handling

Avoid breathing dust.  
Use in well-ventilated areas.  
Keep away from heat, sparks, and open flames.

### 6.2 Storage

Store in a cool, dry, well-ventilated place.  
Keep container tightly closed.  
Protect from direct sunlight.

## SECTION 7 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### 7.1 Engineering Controls

Local exhaust ventilation recommended.

### 7.2 Personal Protective Equipment

Safety glasses or chemical goggles  
Protective gloves  
Laboratory coat or suitable protective clothing

## SECTION 8 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White crystalline solid

**Odour:** Characteristic camphor odour

**Melting Point:** ~175–177°C

**Boiling Point:** ~204°C

**Flash Point:** ~65°C

**Solubility:** Slightly soluble in water

**Density:** ~0.99 g/cm<sup>3</sup>

## SECTION 9 – STABILITY AND REACTIVITY

**9.1 Stability:** Stable under normal conditions.

### 9.2 Conditions to Avoid

Heat  
Open flames  
Strong oxidizing agents

## SECTION 10 – TOXICOLOGICAL INFORMATION

### 10.1 Routes of Exposure

Inhalation  
Skin contact  
Eye contact  
Ingestion

### 10.2 Potential Effects

Eye irritation  
Skin irritation  
Nausea, vomiting, dizziness if ingested  
High doses may cause seizures and central nervous system effects

## SECTION 11 – ECOLOGICAL INFORMATION

Avoid release into the environment.  
May be harmful to aquatic organisms in large quantities.

## SECTION 12 – DISPOSAL CONSIDERATION

Dispose of contents and container in accordance with local, regional, and national regulations.

## SECTION 13 – TRANSPORTATION INFORMATION

**UN Number:** UN 2717 (for camphor, synthetic)  
**Hazard Class:** 4.1 (Flammable Solid)  
**Packing Group:** III

## SECTION 14 – DISCLAIMER

All information provided in this SDS is correct to the best of our knowledge at the time of its publication. The information serves only as a guide for usage, processing, storage, safe handling, transportation, and disposal. It is not a warranty or quality inspection. The information is only applicable to the specific material designated and may not be valid when the material is used in combination with any other material or in any process, unless specified in this document.