



YUNNAN SUMMIT BIOTECHNOLOGY Co., Ltd.

MATERIAL SAFETY DATA SHEET

1 – PRODUCT IDENTIFICATION

Product Name: Ginger Oil

CAS: 8007-08-7

Supplier: Yunnan Summit Biotechnology Co., Ltd

Address: Shuangbai County Industrial Park, Shuangbai County Chuxiong State, Yunnan Province, P.R.China

Tel: +86-878-7715967

2– HAZARDS IDENTIFICATION

2.1 GHS Classification

Flammable liquid(Category 4)

2.2 GHS Label elements, including precautionary statements

Pictogram	No symbol
Signal word	Warming
Hazard statement	H227 Combustible liquid.
Precautionary statement(s)	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container to an approved waste disposal plant.

2.3 Hazards not otherwise classified(HNOC) or not covered by GHS

No data available

3 – COMPOSITION

Component	CAS	Zingiberene(%)
Ginger Oil	8007-08-7	≥30%

4– FIRST AID MEASURES

General advice: Consult a physician. Show this safety date sheet to the doctor in attendance.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an



YUNNAN SUMMIT BIOTECHNOLOGY Co., Ltd.

anti-bacterial cream. Seek immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. Seek medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Serious Ingestion: Not available.

5– FIREFIGHTING MEASURES

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Remove all sources of ignition. Beware of vapours accumulation to explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Combustible material. Poisonous liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal.

7 – HANDLING AND STORAGE

Precautions:

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage:

Store in cool place. Keep container in a cool, well-ventilated area. Keep container tightly closed and



YUNNAN SUMMIT BIOTECHNOLOGY Co., Ltd.

sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

8 -PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the workstation location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. Exposure Limits: Not available.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow to yellow liquid.

Odour: Characteristic ginger odour.

Specific gravity: 0.873~0.885 (20 °C).

Refractive index: 1.487~1.494 (20 °C).

Optical rotation: -45°~ -26°.

Flash point(Closed Cup): 70 °C

10 - STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Instability Temperature: Not available.

Conditions to avoid: Heat, flames and sparks.

Incompatibility with various substances: Strong oxidizing agents.

Corrosively: Not available.

Special Remarks on Reactivity: Light Sensitive. Air Sensitive. Darkens and thickens on exposure to air.

No other information found.

Special Remarks on Corrosively: Not available.

Polymerization: Will not occur.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity: LD50: No data available

LC50: No data available

Ecotoxicity: Not available.

BOD5 and COD: Not available.

12 - ECOLOGICAL INFORMATION

No data available

13 - DISPOSAL CONSIDERATIONS



YUNNAN SUMMIT BIOTECHNOLOGY Co., Ltd.

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14 – TRANSPORTATION INFORMATION

UN-No: /

Proper Shipping Name: Not dangerous goods

Hazard Class: /

Packing group: /

Environmental Hazards: /

15 – REGULATORY INFORMATION

Whether the product is listed in "China Inventory of Existing Chemical Substances" (2013 Edition): Not included

16 - OTHER INFORMATION

Updated date: 2025-08-31

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