

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47408**

**Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300**

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**SECTION 1: IDENTIFICATION**

**Effective Date:** 9/26/97  
**Product Name:** GINGER OIL  
**Molecular Formula:** n/a  
**CAS No.:** 8007-08-7

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**SECTION 2: HAZARDOUS INGREDIENTS:**

Slightly dangerous to dangerous in case of ingestion. Very slightly to slightly dangerous in case of eye contact (irritant), of skin contact (irritant), of inhalation. Liquid is moderately irritating to skin and eyes.

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**SECTION 3: PHYSICAL DATA**

Odor:	n/a
Appearance:	liquid: A light yellow to yellow liquid having the aromatic characteristic odor of ginger.
Melting point.:	n/a
Boiling point:	n/a
pH (depends on quality):	n/a
Solubility in water:	almost insoluble
Specific gravity (water = 1)	0.88
Vapor density:	n/a
Vapor pressure:	n/a

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**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	148°F
Flammable limit:	n/a
Flammability:	combustible
Extinguishing media:	use dry chemicals, carbon dioxide, water spray or foam; do not use water jet
Fire fighting procedures:	Fire fighters should wear positive pressure self-contained breathing apparatus. Spray extinguishing media directly at the base of the flames. Water is unsuitable for use on burning materials, but may be used to cool containers exposed to heat.

Unusual fire and explosions hazards: n/a

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**SECTION 5: REACTIVITY DATA**

Stable   X   Unstable \_\_\_\_\_

**Decomposition byproducts:** acrid smoke and fumes, carbon oxides

**Incompatibilities/Condition to Avoid:** avoid sparks, flame and heat; avoid contact with strong oxidizers and avoid hot work and sources of ignition on or near empty containers

**Hazardous Polymerization:** No

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**SECTION 6: HEALTH HAZARD DATA**

**Toxicity:** n/a  
**Route of Entry:** ingestion  
**Permissible Exposure limits:** n/a

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**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**Spillage:** Small: Absorb with an inert material and put spilled material in an appropriate waste disposal. Large: Keep away from heat. Combustible material. Keep away from sources ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Disposal:** Recycle to process, if possible. Consult your local or regional authorities.

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**SECTION 8: FIRST AID PROCEDURES**

**Eye Contact:** No known effect on eye contact. Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists then call a physician.

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**Skin Contact:** If chemical got onto clothed portion of body, remove contaminated clothes as quickly as possible, protecting your own hands and body. Place victim under a deluge shower. If chemical touches victim's exposed skin, such as hands, gently and thoroughly wash contaminated skin with running water and non-abrasive soap. Cover irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

**Inhalation:** Allow victim to rest in a well ventilated area. Seek immediate medical attention.

**Ingestion:** Remove dentures, if any. Have conscious person drink several glasses of water or milk. Induce vomiting by sticking finger in throat. Lower head so vomit won't reenter mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

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**SECTION 9: HANDLING AND STORAGE INFORMATION:**

Keep away from heat, sources of ignition and strong oxidizing agents. Empty container pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Keep container dry, in a cool place, tightly closed, and in a well ventilated area. Do not breathe gas, fumes, vapor or spray. Follow good industrial and hygienic practices.

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**SECTION 10: SPECIAL PROTECTION INFORMATION:**

**Ventilation:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

**Skin Protection:** yes, in case of a large spill; use oil/solvent resistant gloves

**Eye Protection:** safety glasses; ensure eyewash station and safety shower is proximal to work station location

**Respiratory Protection:** no special protection; odor mask or organic vapor respirator should be worn if vapors are found too annoying/irritating. Dust mask for powders only.

**Other:** lab coat

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**SECTION 11: TRANSPORT INFORMATION**

**DOT Classification:** not a DOT controlled material (USA)

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**SECTION 12: OTHER REGULATORY INFORMATION**

Federal and State regulations: ginger oil is listed on TSCA

WHMIS (Canada): not controlled under WHMIS (Canada)

DSCL (EEC): not controlled under DSCL (Europe)

HMIS (USA): Health hazard 1, Fire hazard 1, Reactivity 0, Personal protection a