

Plant Guru[®]

Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name: Peppermint Oil
Version: Natural Essential Oil
Supplier Name: Plant Guru Inc
Supplier Address: 240 East 3rd Street
 Plainfield, NJ 07060
Telephone Number: 908-444-8328

EMERGENCY CONTACT: 24 Hour Emergency (CHEMTREC) Tel# 1 (800) 424-9300 or 1 (703) 527-3887. National Poison Control Center (any day/time) 1 (412) 681-6669

SECTION 2: HAZARDS IDENTIFICATION

LABELLING ACCORDING TO GHS REGULATION :

Physical hazard : FLAMMABLE 4

Health Hazards : ATD 5, EDI 1, SCI 2, SS 1

Environmental Hazards : EH-A 2, EH-C 2

Label Elements:



WORDS OF WARNING:

PARTICULAR RISKS:

DANGER

- H227** Combustible liquid.
- H303** May be harmful if swallowed.
- H315** Causes skin irritation.
- H317** May cause an allergic skin reaction.
- H319** Causes serious eye irritation.
- H401** Toxic to aquatic life.
- H411** Toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENT
PREVENTION:**

P210 Keep away from heat, sparks, open flames or hot surfaces. –
Nosmoking.
P261 Avoid breathing dust, fume, gas, mist, vapours, spray.
P272 Contaminated work clothing should not be allowed out of the
workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, face
protection.

**PRECAUTIONARY STATEMENT
RESPONSE:**

P302+P352 IF ON SKIN : Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES : Rinse cautiously with water for several
minutes. Remove contact lenses, if present and easy to do. Continue
rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER or doctor if you feel unwell.
P321 Specific treatment.
P332+P313 If skin irritation occurs : Get medical advice.
P333+P313 If skin irritation or rash occurs : Get medical advice.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire : Use CO2 foam, dry chemical for extinction.
P391 Collect spillage.
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with
local/regional/national/international regulations.

STORAGE:

DISPOSAL:

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	% By Weight
Peppermint Oil	8006-90-4	100

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

Rinse immediately with plenty of water for at least 10 minutes.
Obtain medical advice in case of irritation

SKIN CONTACT:

Remove contaminated clothing. Thoroughly wash the affected
area with soap and water. Flush with large quantities of water.

Cover with emollient or pure vegetable oil. Seek medical attention if irritation persists.

INGESTION:

Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

INHALATION:

Avoid gross inhalation of fumes. Move to fresh air. Obtain medical advice, if necessary.

SECTION 5: FIREFIGHTING MEASURES

FLASH POINT:

71°C (Closed Cup)

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical powder or appropriate foam.

NON-RECOMMENDED:

Do not use direct water jet on burning material.

SPECIAL FIRE FIGHTING PROCEDURES:

Fire fighters should wear positive pressure self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Cool containers exposed to flame with water. Spray extinguishing media directly into base of fire.

HAZARDOUS DECOMPOSITION MATERIALS:

Burning produces irritating, toxic and obnoxious fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION:

- Wear a NOISH approved respirator. Avoid ingestion or contact with skin and eyes.
- Wear eye protection, gloves and aprons. Ventilate area well

METHODS FOR CLEANING UP:

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

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

ENVIROMENTAL PROTECTION:

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Retain and dispose of contaminated wash water.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapour/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 CONDITIONS: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS Use mechanical exhaust or laboratory fume hood to avoid exposure.

EYES: Chemical splash goggles or face shield should be worn.

SKIN/BODY: Lab coats, boots and chemical resistant gloves should be worn. Wash hands with soap and water after handling.

RESPIRATORY Use adequate ventilation or NIOSH-approved respiratory devices if vapor concentration is high due to heat.

PERSONAL PROTECTION IN CASE OF 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid, Oil
COLOR:	Clear yellow
ODOR:	Minty, fresh.
RELATIVE DENSITY:	~ 0.903 @ 20°C
BOILING POINT:	Not Available
MELTING POINT:	Not Available
FLASHPOINT:	71°C
SOLUBILITY IN WATER @ 20°C:	Insoluble in water.
MELTING POINT	Not Available
PHYSICAL STATE:	Liquid, Oil

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
INCOMPABILITY:	Strong oxidizing agents, bases and iron.
DECOMPOSITION:	In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY:	Harmful if swallowed.
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INGESTION:	Do not induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth and provide fresh air. Get medical attention if symptoms persist.
SKIN	May cause mild irritations. May cause an allergic skin reaction.
EYE:	May cause severe/mild irritations.
INHALATION:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY:	Toxic to aquatic life with long lasting effects.
BIODEGRADABILITY:	Not Available.
PRODUCTS OF BIODEGRADABILITY:	Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.
PRECAUTIONS:	Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of according to local, state and federal regulations.
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SECTION 14: TRANSPORT INFORMATION

UN NUMBER:	Not Available
DOT CLASSIFICATION:	CLASS 4 FL
IDENTIFICATION:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

SECTION 15: REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Peppermint oil

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR1910.1200).

Other Classifications:

WHMIS (Canada):

CLASS B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):

R36- Irritating to eyes. S2- Keep out of the reach of children. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 2

Reactivity: 0

Personal Protection: j

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 2

Reactivity: 0

Specific hazard:

SECTION 16: OTHER INFORMATION

This Information is supplied by our vendor. This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organization ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO) ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of

Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

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