


SECTION 1: PRODUCT IDENTIFICATION

Catalog Name:	XENCARE ORGANIC PEPPERMINT ESSENTIAL OIL
Commercial Names:	Peppermint Organic Essential Oil
Synonyms:	Oils, Mentha Piperita Oils, Peppermint Oil of Peppermint Pfefferminz oel (German)
Chemical Name:	Not Available
Chemical Formula:	Not Available
Cas #:	8006-90-4
RTECS:	RC6125000
TSCA:	Not Available
Emergency Contact:	Chemtrec 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:	Serious eye damage/eye irritation Category 2A Skin sensitization Category 1A Flammable liquids Category 4
Signal Word:	Warning
Hazard and Precautionary Statements:	Causes serious eye damage. Combustible liquid May cause an allergic skin reaction. May be harmful if swallowed Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wear protective gloves/protective clothing/eye protection/face protection.
Pictograms:	
HMIS Health Hazard:	Not Available
HMIS Fire Hazard:	Not Available
HMIS Reactivity:	Not Available
HMIS Personal Protection:	Not Available

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS #	% by Weight
Peppermint Oil	8006-90-4	1

SECTION 4: FIRST AID MEASURES

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
Skin Contact:	Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention.
Eye Contact:	Flush eyes with water for 15 minutes. Immediate medical attention is required. If symptoms persist, call a physician.
Ingestion:	Do not induce vomiting without medical advice. never give anything by mouth to an unconscious person. Consult a physician if necessary.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use water spray, mist, alcohol-resistant foam, Dry chemical or Carbon dioxide (CO2)
Unsuitable Extinguishing Media:	Do not use a solid (straight) water stream as it may scatter and spread fire.
Hazardous Combustion Products:	Carbon dioxide (CO2).
Specific Hazards:	Combustible material. May be ignited by heat, sparks or flames. Container explosion may occur under fire conditions or when heated.
Specific Methods:	Not Available
Special Protective Equipment for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Remove all sources of ignition. All equipment used when handling the product must be grounded. Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent entry into waterways, sewers, basements or confined areas.
Methods and materials for containment and clean up:	Methods for containment Absorb spill with inert material (e.g. vermiculite, dry sand or earth), then place in a suitable chemical waste container. In case of large spill, dike if needed. Use appropriate tools to put the spilled material in a suitable chemical waste disposal container. Use only non-sparking tools. Clean contaminated surface thoroughly.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Technical Measures/Precautions: Provide sufficient air exchange and/or exhaust in work rooms. Remove all sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from incompatible materials. Safe Handling Advice Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Do not ingest. When using do not smoke. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.
Conditions for safe storage:	Technical Measures/Storage Conditions: Sensitive to light. Store in light-resistant containers. Store under nitrogen. Keep away from heat and sources of ignition. Keep container tightly closed in a dry and well-ventilated place. Store away from incompatible materials. Store in a segregated and approved area. Incompatible Materials: Oxidizing agents

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:	Not Available
Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection:	Eye protection: Goggles Skin and body protection: Long sleeved clothing Chemical resistant apron Gloves Respiratory protection: Respiratory protection is not necessary for normal handling. Good room ventilation or use of local exhaust (fume hood) is sufficient. Use a vapor respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapor, inadequate ventilation, development of respiratory tract irritation), and engineering controls are not feasible. Be sure to use an approved/certified respirator or equivalent. Hygiene measures: Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Other Notes:	Not Available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

1:	Form: Liquid
2:	Color: Colorless to pale yellow
3:	Flashpoint (°C/°F) closed cup: 67-71°C/ 153-159.8°F
4:	Specific gravity: 0.896-0.908
5:	Solubility: Insoluble in water, mineral oil. Soluble in Oils, Alcohol.

SECTION 10: STABILITY AND REACTIVITY

Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Chemical Stability:	Sensitive to light. Exposure to light accelerates decomposition. Stable under recommended storage conditions.
Conditions to Avoid:	Heat. Ignition sources. Exposure to light. Incompatible materials.
Incompatible Materials:	Oxidizing agents
Hazardous Decomposition Products:	Carbon oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of entry:	Eyes. Skin. Ingestion.
Potential Acute Health Effects:	May cause skin irritation. Causes eye irritation. May cause loss of corneal epithelium, corneal infiltration, release of pigment into the anterior chamber with deposits on the back of the cornea. May cause respiratory tract irritation. May cause digestive (gastrointestinal) tract irritation. May affect behavior/central nervous system (mild stimulant followed by depression, twitching, spastic convulsion, ataxia), respiration (slowed respiration). Other symptoms may include atrial fibrillation, muscle pain, cooling sensation, burning sensation.
Potential Chronic Health Effects:	Prolonged or repeated ingestion may affect the urinary system. Prolonged or repeated ingestion may affect the brain. Skin: Sensitizer. May cause allergic skin reaction (allergic contact dermatitis).
Other Toxic Effects on Humans:	Not Available
Carcinogenic Effects:	Not Available
Mutagenic Effects:	Not Available
Teratogenic Effects and Developmental Toxicity:	Not Available
Acute Toxicity:	Oral (LD50)Acute Tox. 2426 mg/kg Rat, Oral (LD50)Acute Tox. 2490 mg/kg Mouse

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not Available
Persistence and Degradability:	Not Available
Bioaccumulative Potential:	Not Available
Mobility in Soil:	Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Waste from residues / unused products: Waste must be disposed of in accordance with Federal, State and Local regulation. Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal
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SECTION 14: TRANSPORTATION INFORMATION

DOT:	Not Regulated
TDG:	Not Regulated
IATA:	Not Regulated

SECTION 15: REGULATORY INFORMATION

Federal and State Regulations:	Not Available
Other Regulations:	Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

SECTION 16: OTHER INFORMATION

Preparation Date:	7/7/2022
Prepared By:	Justin Ryu
Disclaimer:	All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Xenex Laboratories assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Xenex Laboratories assumes no responsibility for the completeness or accuracy of the information contained herein.