xencare

SAFETY DATA SHEET

102-2440 Canoe Ave
Coquitlam BC V3K 6C2
1-800-663-1002
www.xen.care
hello@xen.care

SECTION 1: PRODUCT IDENTIFICATION

Catalog Name:	XENCARE ORGANIC SWEET ORANGE ESSENTIAL OIL
Commercial Names:	Orange Organic Essential Oil (Sweet)
Synonyms:	Not Available
Chemical Name:	Not Available
Chemical Formula:	Not Available
Cas #:	97766-30-8 / 8028-48-6
RTECS:	Not Available
TSCA:	Not Available
Emergency Contact:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:	Flammable Liquid - Category 3 Aspiration toxicity - Category 1 Skin Corrosion/Irritation - Category 2 Skin Sensitization - Category 1 Hazardous to the aquatic environment, Chronic - Category 1
Signal Word:	Danger
Hazard and Precautionary Statements:	Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Very toxic to aquatic life with long-lasting effects.
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
Citrus Sinensis Peel Oil Expressed	97766-30-8 / 8028-48-6	100

SECTION 4: FIRST AID MEASURES

Inhalation:	If inhaled, removed to fresh air. Get medical attention if symptoms appear.
Skin Contact:	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.
Eye Contact:	Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.
Ingestion:	Seek medical attention or contact local poison control center.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Foam. Dry Powder. Carbon dioxide.
Unsuitable Extinguishing Media:	Water spray, water jet.
Hazardous Combustion Products:	Hazardous decomposition products may be formed at extreme heat or if burned.
Specific Hazards:	Not Available
Specific Methods:	Not Available
Special Protective Equipment for Firefighters:	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Equip clean crew with proper protection. Respiratory protection equipment may be necessary.
Environmental Precautions:	Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

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Methods and materials for containment and clean up:	Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.
Conditions for safe storage:	Product may be packaged in phenolic-lined steel containers or fluorinated plastic containers. Store in a well ventilated area with proper sprinkler/fire deterrent system. Storage temperature should not exceed the flash point for extended period of time. Store away from oxidizing agents.Keep container closed when not in use. Air should be excluded from partially filled containers by displacing with nitrogen or carbon dioxide.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:	Eyes Use tightly sealed goggles. Skin If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves. Respiratory In case of insufficient ventilation, wear suitable respiratory equipment. Ingestion Keep away from foodstuff, beverage and animal feed.
Engineering Controls:	Not Available
Personal Protection:	Not Available
Other Notes:	Not Available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

1:	Appearance : Yellow to dark orange liquid.
2:	Odor : Characteristic sweet orange citrus odor.
3:	Initial b.p and boiling range : 176 °C
4:	Flash point : >43°C
5:	Relative density : 0.841 to 0.845 @ 25°C
6:	Solubility (ies) : Soluble in alcohol and oils. Insoluble in water.
7:	Refractive index : 1.472 to 1.475 @ 20°C
8:	Optical rotation : +95° to +98° @ 25°C

SECTION 10: STABILITY AND REACTIVITY

Possibility of hazardous reactions:	Hazardous polymerization will not occur.
Chemical Stability:	Chemically stable.
Conditions to Avoid:	Avoid sparks, flame and other heat sources.
Incompatible Materials:	Strong oxidizing agents and strong acids, including acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.
Hazardous Decomposition Products:	Oxides of d-limonene, which can result from improper storage and handling, are known to cause skin sensitization. No decomposition if stored properly.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of entry:	Inhalation Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness. Skin contact Adverse skin effects should be prevented by normal care and personal hygiene. Eye contact Possible irritation should be prevented by wearing safety glasses. Ingestion Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting
Potential Acute Health Effects:	Not Available
Potential Chronic Health Effects:	Not Available
Other Toxic Effects on Humans:	Not Available
Carcinogenic Effects:	None of the components of this material are listed as a carcinogen.
Mutagenic Effects:	Not Available
Teratogenic Effects and Developmental Toxicity:	Not Available
Acute Toxicity:	Not Available

SECTION 12: ECOLOGICAL INFORMATION

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Ecotoxicity:	Very toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water.
Persistence and Degradability:	d-Limonene is classified as readily biodegradable.
Bioaccumulative Potential:	d-Limonene is not Bio - accumulative.
Mobility in Soil:	Citrus extractives are expected to volatilize from soil or water to the air and oxidize to carbon dioxide in the presence of sunlight.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14: TRANSPORTATION INFORMATION

DOT:	US DOT Shipping Description (Land) 2319 Proper shipping name Terpene hydrocarbons, n.o.s. Class 3 Packaging group III
TDG:	Not Available
IATA:	IATA Shipping Description (Air) 2319 Proper shipping name Terpene hydrocarbons, n.o.s. Class 3 Packaging group III

SECTION 15: REGULATORY INFORMATION

Federal and State Regluations:	California Proposition 65 This Product can expose you myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.
Other Regulations:	Not Available

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.