



SAFETY DATA SHEET

Section 1: Identification

Product: Lemon Flavor

Item Number: LEM101

Manufacturer: Essential Flavors

Address: 7562 Oranewood Avenue, Stanton, CA 90680

In an emergency, call 911.

For further information contact : info@essentialflavors.co

Section 2: Hazard(s) Identification

Hazard Classification: Flammable Liquid

Pictograms:



Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Propylene glycol	N/A	57-55-6	70-99%
Lemon Oil	N/A	N/A	5-15%
Lemon Peel Extract	N/A	N/A	0.5-5%

Section 4: First-Aid Measures

After skin contact: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing

After eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if possible. Get medical attention.

After inhalation: Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

After swallowing: Call a physician or poison control center immediately. Do not induce vomiting without advice from the poison control center. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into lungs.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Foam, dry powder, or carbon dioxide. Direct water spray may spread fire.

Special protective equipment for firefighters: Special protective equipment for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Keep unauthorized personnel away. Use in well ventilated spaces. Ventilate closed spaces before entering them

Measures for environmental protection: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, watercourses or onto the ground.

Measures for cleaning/collecting: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean the surface thoroughly to remove residual contamination. Dike far ahead of the larger spill for later recovery and disposal.

Section 7: Handling and Storage

Handling: Use personal protective equipment as required. Do not breathe mist or vapor. Avoid contact with eyes, skin and clothing. Do not taste or swallow. Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use.

Storage: Keep container tightly closed. Store in a well-ventilated place. Store in a dry place. Store in a locked or controlled access area.

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL (ceiling)	Exposure Limit Values	Source
PROPYLENE GLYCOL	Ceiling	125 mg/m ³	US. OSHA VPEL
PROPYLENE GLYCOL - Aerosol	Ceiling	100 mg/m ³	ACGIH TL

General protective and hygienic measures: Provide an eyewash station and safety shower. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Avoid contact with eyes, skin and clothing.

Breathing equipment: In case of inadequate ventilation use a suitable respirator. Chemical respirator with organic vapor cartridge, full facepiece, dust and mist filter.

Protection of hands: Chemical resistant glove

Eye protection: Wear safety glasses with side shields (or goggles).

Section 9: Physical and Chemical Properties

Form: Liquid

Odor: Fruity odor

Odor threshold: N/A
pH: 6.00 – 8.00
Melting point/melting range: N/A
Boiling point/boiling range: N/A
Flash point: > 93.3 °C
Evaporation rate: N/A
Flammability: N/A
Upper/lower flammability or explosive limits: N/A
Auto ignition temperature: N/A
Danger of explosion: N/A
Vapor pressure: N/A
Vapor density: N/A
Relative density:
Solubility in/Miscibility with water: Partially soluble in water

Section 10: Stability and Reactivity

Reactivity: No dangerous reactions known under conditions of normal use.
Chemical stability: Hygroscopic
Conditions to avoid: Excessive heat. Contact with incompatible materials. Exposure to moist air or water.
Incompatible materials: Strong oxidizing agents and acids
Hazardous decomposition products: Strong oxidizing agents.

Section 11: Toxicological Information

Acute toxicity: N/A
Skin: May irritate skin.
Eye: May irritate eyes.
Inhalation: May irritate the respiratory system.
Ingestion: May irritate the digestive system.

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: May cause hazards to the aquatic environment.
Mobility: The product is partially water-soluble and may spread in water systems.
Biodegradation: This product is expected to be biodegradable.

Section 13: Disposal Considerations

Refer to local regulations or laws.

Section 14: Transport Information

N/A

Section 15: Regulatory Information

N/A

Section 16: Other Information

SDS date of preparation/update: 11-15-2021