

SAFETY DATA SHEET

Section 1 - Product Identification

Product Name: **LEMON VERBENA FLAVORING OIL**

Section 2 - Hazard Identification



Signal Word **Warning**

GHS Ratings:

Flammable liquid	4	Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F)
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H227	Combustible liquid
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P235	Keep cool
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see ... on this label)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P370+P378	In case of fire: Use ABC fire extinguisher for extinction.
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container with regards to State/Federal/Local Regulations.

Section 3 - Composition and Information on Ingredients

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret in accordance with the provision of 1910.1200 of Title 29 of the Code of Federal Regulations. Under the provisions outlined by the GHS the specific chemical composition of this mixture has been deemed Confidential Business Information (CBI). Due to the nature of CBI, the formula will only be disclosed to competent authority upon request. In the case of a medical emergency the formula will be furnished to a competent medical professional in a timely manner.

Section 4 - First Aid Measures

Inhalation:

Remove to fresh air and rest in comfortable breathing position. Consult a physician if rapid recovery does not occur or symptoms develop.

Eye Contact:

Remove Contact Lenses, flush immediately with plenty of cool running water, continue to flush for 15 minutes. Consult a physician if irritation persists.

Skin Contact:

Wash thoroughly with plenty of soap and water, flush skin with cool running water. Consult a physician if irritation persists.

Ingestion:

Rinse mouth thoroughly with cool water. Do not induce vomiting, consult a physician immediately.

Notes to Physicians:

Treat symptomatically.

Section 5 - Fire Fighting Measures

Extinguishing Media:

Foam, dry chemical, or carbon dioxide.

Fire Fighting Procedures:

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Containers exposed to heat from fire should be cooled with water to prevent vapor pressure build-up which could result in container rupture.

Section 6 - Accidental Release Measures

For Small Spills:

Add inert absorbent material to absorb liquid, sweep up, and dispose of in accordance with federal, state, and local regulations.

For Large Spills:

Dike to contain and pump into drums for use or dispose of in accordance with federal, state, and local regulations. Do not dispose in sewer, soil, or aquatic environment. In case of accidental spill or release, refer to Section 8 - Exposure Controls and Personal Protection.

Section 7 - Handling and Storage

Work/ Hygienic Practices:

Wash thoroughly after handling and before eating, drinking, or smoking.

Conditions to Avoid:

Keep away heat, flame, sparks, and other ignition sources.

General Storage Measures:

Store in a cool, dry, and well ventilated area in original closed container out of sunlight and/or heat. Keep container closed when not in use.

Section 8 - Exposure Controls and Personal Protection

Work Practices and Engineering Controls:

Keep away from ignition sources. Eyewash fountains and safety showers should be easily accessible.

Personal Protective Equipment:

Use chemical resistant/ impervious gloves when handling chemicals. Use safety glass or goggles when handling chemicals.

Section 9 - Physical and Chemical Properties

APPEARANCE	Yellow Liquid	UPPER/LOWER FLAMMABILITY LIMITS:	N/A
ODOR:	Citrus, Lemon Aroma	VAPOR PRESSURE:	Not Determined
ODOR THRESHOLD:	N/A	VAPOR DENSITY:	N/A
pH:	N/A	RELATIVE DENSITY +/- 0.020:	0.92
MELTING POINT:	N/A	SOLUBILITY:	Soluble in Water
INITIAL BOILING POINT AND BOILING RANGE:	N/A	FLASH POINT (F) CLOSED CUP:	180°F, 82°C
EVAPORATION RATE:	N/A	FLAMMABILITY:	N/A
PARTITION COEFFICIENT (n-OCTANOL/WATER):	N/A	AUTO-IGNITION TEMPERATURE (F):	N/A
DECOMPOSITION TEMPERATURE (F):	N/A	VISCOSITY:	N/A

Section 10 - Stability and Reactivity

Stability:

STABLE

Hazardous Decomposition:

Hazardous decomposition will not occur

Hazardous polymerization will not occur.

Section 11 - Toxicological Information

Mixture Toxicity**Component Toxicity**

Toxicological data have not been determined specifically for this product.

Carcinogenicity

The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA, or ACGIH.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			None

Section 12 - Ecological Information

Ecological studies have not been carried out on this product.

Section 13 - Disposal Considerations

Dispose of in accordance with federal, state, and local regulations.

Section 14 - Transportation

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
D.O.T.	Extracts, Flavoring, Liquid	UN1197	III	Comb liq
IATA	Not Regulated for Air Transport			
IMDG	Not Regulated for Sea Transport			

Section 15 - Regulatory Information

The following components are listed on the OEHHA California Proposition 65 List as "chemicals known to the state to cause cancer" or "to cause reproductive toxicity":

123-35-3 (N) Myrcene (Natural Source) 900 - 1000 PPM

The following chemicals are listed with GHS Hazard - Reproductive toxicity Category 2 (Human or animal evidence possibly with other information):

None

Section 16 - Other information

This SDS supersedes information dated before the SDS effective date.

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

HMIS & NFPA Hazard Rating

Legend

* = Chronic Health Hazard

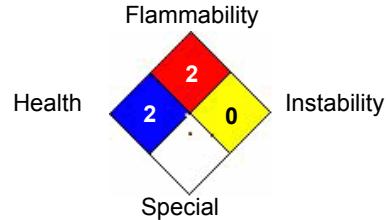
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

National Fire Protection Association (NFPA)



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Disclaimer: The information and recommendations contained in the Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. No Warranty, guaranty, or representation is made as to the correctness or sufficiency of the information. Advice in the document relates only to the product as originally supplied and packaged. Where other ingredients are added in the processing of this product, advice should be sought on their safe handling and use.