



Material Safety Data Sheet

SECTION 1.1 PRODUCT IDENTIFICATION

Product Name: Lemon Essential Oil

CAS #: 8008-56-8

EINECS #: 284-515-8

SECTION 1.2 COMPANY INFORMATION

Company: Nature's Fusions

Address: 1405 W 820 N, Provo, UT, 84601

Telephone No: 801-872-9500

24 HOUR EMERGENCY TELEPHONE NUMBER: (800) 222-1222 POISON CONTROL

SECTION 2.1 HAZARDS CLASSIFICATION

GHS-US Classification: Flammable Liquid 3

SECTION 2.2 HAZARDS IDENTIFICATION

Signal Word:

Warning

Hazard Pictograms:



Hazard Statement:

H226 Flammable liquid and vapor.

Precautionary Statement:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.



SECTION 2.3 OTHER HAZARDS IDENTIFICATION

Other Hazards:

No additional information available.



SECTION 3. COMPOSITION

Product Name	CAS #	EC#	Concentration
Lemon	8008-56-8	284-515-8	100%

SECTION 4.1 NECESSARY FIRST AID MEASURES

- Eye Contact: In case of contact with eyes rinse thoroughly with water.
Inhalation: Attend to fresh air. In case of complaints seek medical attention.
Ingestion: If swallowed, do not induce vomiting: call for medical help immediately.
Skin Contact: In case of contact with skin wash immediately with soap and water.

SECTION 4.2 SYMPTOMS

- Eye Contact: No additional information available.
Inhalation: No additional information available.
Ingestion: No additional information available.
Skin Contact: No additional information available.

SECTION 4.3 OTHER FIRST AID MEASURES

Medical Attention/Special Treatment: Treat symptomatically.

SECTION 5.1 EXTINGUISHING

- Suitable Extinguishing media: CO2. Alcohol-resistant foam.
Unsuitable Extinguishing media: Water.

SECTION 5.2 SPECIAL HAZARDS

Special Hazards Arising from Chemical: Vapours may form explosive mixture with air.

SECTION 5.3 FIRE FIGHTING MEASURES

- Firefighter Instructions: Wear self-contained breathing apparatus and protective suits.
Protection during firefighting: No additional information available.

SECTION 6.1 ACCIDENTAL RELEASE MEASURES

- Personal Precautions: User personal protective equipment.
Protective equipment: No additional information available.
Environmental Precautions: Do not allow to enter canalization/waterways/groundwater. Inform respective authorities in case of seepage into water course or sewage system.



SECTION 6.2 ACCIDENTAL RELEASE CLEANING MEASURES

Methods and Material for Cleaning Up: Soak up with absorbent, inert material (sand, universal binders) and dispose contaminated material as waste according to section 13.
Dispose of in accordance with federal, state and local environmental regulations.

SECTION 7.1 PRECAUTIONS FOR HANDLING

Precautions for handling: Use only in well ventilated area. Avoid contact with skin, eyes, and clothing. NO SMOKING. Keep away from possible sources of ignition. No smoking.

SECTION 7.2 CONDITIONS FOR SAFE STORAGE

Conditions for safe storage: Store in well filled tight suitable containers; drums should only be considered as a means of transportation. Do not store with flammable or explosive materials and strong oxidizing agents. Keep drums tightly closed. Store dark, dry and under cold temperatures. Protect against warming / overheating. Recommended storage temperature: 8-12°C.

SECTION 8.1 EXPOSURE AND ENGINEERING CONTROLS

PEL, ACGIH, TLV exposure limit: No additional information available.

Appropriate engineering controls: Showers. Eyewash stations. Ventilation systems.

SECTION 8.2 PERSONAL PROTECTION/EQUIPMENT

Eye/Face Protection: Tight sealing safety goggles.

Hand Protection: Wear protective gloves. The glove material has to be impermeable and resistant to the product/substance/preparation. Due to missing tests no recommendation to the glove material can be given for the product/preparation/chemical mixture.

Skin and Body Protection: Wear protective clothing.

Respiratory Protection: Wear suitable respiratory equipment in case of insufficient ventilation.
Suitable respiratory protection: filter class A2 (brown color.)

Environmental Exposure Control: No additional information available.

SECTION 8.3 ADDITIONAL INFORMATION

Other: No additional information available.

SECTION 9.1 PHYSICAL PROPERTIES



Appearance: Thin, colorless to greenish yellow liquid.
Odor: Top note with a strong aroma, it has a strong bright lemony scent.
Odor Threshold: No data available.
Physical State: Liquid.

SECTION 9.2 CHEMICAL PROPERTIES

pH: Specs 4.45-4.6, Results 4.5
Melting Point/Freezing Point: No data available.
Boiling Point: No data available.
Flash Point: 49° C
Evaporation Rate: No data available.
Flammability (solid, gas): No data available.
Explosive limits: No data available.
Vapor Pressure: No data available.
Vapor Density: No data available.
Specific Gravity: 0.850 – 0.858 @ 20° C (68° F)
Solubility: Insoluble.
Partition coefficient:
(n-octanol/water) No data available.
Autoignition Temp: No data available.
Decomposition Temp: No data available.
Viscosity: No data available.

SECTION 10. STABILITY AND REACTIVITY

Reactivity: No additional information available.
Chemical Stability: No additional information available.
Hazardous Reactions: Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g. cloth, pulp, filter panels, binder).
Incompatible Materials: Strong acids and oxidizing agents.
Hazardous Combustion
or Decomposition Products: No dangerous decomposition known.

SECTION 11.1 ROUTES OF EXPOSURE

Inhalation: No additional information available.
Skin Contact: Irritant to skin and to mucous membranes.
Eye Contact: Irritating effect.
Ingestion: No additional information available.

SECTION 11.2 RELATED SYMPTOMS



Inhalation: Refer to section 4.2
Skin Contact: Refer to section 4.2
Eye Contact: Refer to section 4.2
Ingestion: Refer to section 4.2

SECTION 11.3 OTHER TOXICOLOGICAL INFORMATION

Delayed/Chronic Effects: May cause allergic reactions on skin, may result in difficulty breathing.
Toxicity: Oral LD50 4,400 mg/Kg [Rat]
Carcinogenic: Not Carcinogenic.

SECTION 12.1 ECOLOGICAL INFORMATION

Eco-toxicity: Do not allow into drains or water courses. Harmful to aquatic life with long lasting effects.
Persistence and Degradability: No additional information available.
Bio-accumulative: No additional information available.
Mobility in Soil: No additional information available.

SECTION 12.2 OTHER ECOLOGICAL INFORMATION

Other Adverse Effects: Very toxic to aquatic organism, may cause long term adverse effects in the aquatic environment.

SECTION 13. DISPOSAL CONSIDERATION

Waste Disposal Method: Recycling is preferred to disposal and burning. If recycling is not possible, dispose in accordance with federal, state and local environmental regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Contaminated Packaging Disposal Method: Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning. Packaging that may not be cleansed are to be disposed of in the same manner as the product. Moistened solids (e.g. cloth, pulp, filter panels, binder) can be burnt after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

SECTION 14. TRANSPORT INFORMATION



DOT Shipping (Land): Regulated. Marine Pollutant: Yes.
IATA Shipping (Air): Regulated
IMDG Shipping (Boat): Regulated. EMS: F-D, S-D. Marine Pollutant: Yes.
Proper Shipping Name: Flammable Liquid, N.O.S.
UN #: 1993
Hazard Class: 3
Packaging Group: III

SECTION 15. REGULATORY INFORMATION

US Federal Regulations: Listed on the United States TSCA (Toxic Substances Control Act) inventory
International Regulations: Listed on the Canadian DSL (Domestic Substances List)

SECTION 16. OTHER INFORMATION

Health Hazard (HMIS): N/A
Flammability Hazard (HMIS): N/A
Physical Hazard (HMIS): N/A
Sara 313: None
California Proposition 65: Product contains Myrcene.

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