

SAFETY DATA SHEET (SDS)

Lime Essential Oil

Section 1. Product and Company Identification

Product Name: Lime Essential Oil

Product Code: EO30

SKU: S-EO-30

Botanical Name: Citrus aurantifolia

Country of Origin: Mexico

CAS #: 8008-26-2 / 90063-52-8

EINECS #: 290-010-3

Manufacturer / Distributor: Silky Scents, LLC, 387 Magnolia Ave. STE. 103-122, Corona, CA 92879-3308, USA

Contact: customerservice@SilkyScents.com

Section 2. Hazards Identification

GHS Classification

Flammable Liquid - Category 3

Aspiration Hazard - Category 1

Skin Corrosion/Irritation - Category 2

Skin Sensitization - Category 1

Serious Eye Damage/Eye Irritation - Category 2A

Reproductive Toxicity - Category 2

Hazardous to the aquatic environment, acute - Category 2

Hazardous to the aquatic environment, long-term - Category 2



Signal Word: Danger

Pictograms: GHS02 (Flame), GHS07 (Exclamation),
GHS08 (Health Hazard).

HAZARD STATEMENTS:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H361 Suspected of damaging fertility or the unborn child.

H411 Toxic to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS:

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.
- P243** Take precautionary measures against static discharge.
- P261** Avoid breathing dust/fumes/gas/mist/vapours/spray.
- P264** Wash skin thoroughly after handling.
- P272** Contaminated work clothing should not be allowed out of the workplace.
- P273** Avoid release to the environment.
- P280** Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P310** IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P302 + P352** IF ON SKIN: Wash with plenty of water. Take off immediately all contaminated clothing.
- P305 + P351 + P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P321** Specific treatment (see Section 4 on this label).
- P331** Do NOT induce vomiting.
- P332 + P313** If skin irritation occurs: Get medical advice/attention.
- P337 + P313** If eye irritation persists: Get medical advice/attention.
- P362** Take off contaminated clothing.
- P363** Wash contaminated clothing before reuse.
- P370 + P378** In case of fire: Use foam to extinguish.
- P391** Collect spillage.
- P403 + P235** Store in a well ventilated place. Keep cool.
- P405** Store locked up.
- P501** Dispose of contents/container according to local regulations.

Section 3. Composition and Information on Ingredients

Component	CAS NO	EC NO	Concentration
Citral Content	5392-40-5	226-394-6	0.5 - 2.5 %
D-Limonene	5989-27-5	227-813-5	45 - 58 %
Gamma terpinene	99-85-4	202-794-6	8 - 15 %
Terpinolene	586-62-9	209-578-0	7 - 11 %
Alpha terpineol	-	-	3.7 - 8.5 %
Alpha terpinene	99-86-5	202-795-1	2.5 - 5.0 %
Alpha Pinene	80-56-8	201-291-9	0.5 - 2.0 %
Beta Pinene	80-56-8	201-291-9	1.5 - 5.0 %
Myrcene	123-35-3	204-622-5	0.8 - 2.0 %

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms appear.

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.

Special Protective Equipment and Precautions for Fire-Fighters: Wear proper protective equipment and avoid inhalation of vapors. Exercise caution when fighting any chemical fire.

Special Hazards: Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting Gases: Carbon oxides.

Section 6. Accidental Release Measures

Personal Precautions: Equip clean-up 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.

Containment and Cleaning 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: Store in full airtight containers protected from heat, direct sunlight and sources of ignition. It is preferable to store in cool conditions between 5 C and 20 C.

Section 8. Exposure Controls/Personal Protection

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.

Section 9. Physical and Chemical Properties

Property	Result
Appearance	Colorless to pale yellow liquid
Odor	Characteristic odor
Flash Point	50 C
Relative Density	0.8550 to 0.8630 @ 25 C
Solubility	Insoluble in water
Refractive Index	1.4740 to 1.4770 @ 20 C
Optical Rotation	+34 to +47 @ 20 C

Section 10. Stability and Reactivity

Reactivity: This material presents no significant reactivity hazard.

Chemical Stability: Chemically stable.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid sparks, flame and other heat sources.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides.

Section 11. Toxicological Information

Acute Toxicity: LD50 (Oral) - Rat: >5000 mg/kg. LD50 (Dermal) - Rabbit: >5000 mg/kg.

Respiratory or Skin Sensitization: Causes sensitization.

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.

Section 12. Ecological Information

Ecotoxicity: Avoid any pollution of ground, surface or underground water.

Persistence and Degradability: Not available.

Bioaccumulative Potential: Not available.

Mobility in Soil: Not available.

Other Adverse Effects: Not available.

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. Transport Information

UN Number: UN1197

UN Shipping Name: Extracts, liquid

Transport Hazard Class: 3

Packing Group Number: III

US DOT (Land): UN1197, Extracts, liquid, Class 3, PG III

IMO-IMDG (Sea): UN1197, Extracts, liquid, Class 3, PG III. Marine pollutant: Yes.

IATA (Air): UN1197, Extracts, liquid, Class 3, PG III

Emergency Action: Notify police and fire department immediately.

Section 15. Regulatory Information

Product Regulations: GHS Hazard Statements: see Section 2. GHS Precautionary Statements: see Section 2.

Section 16. Other Information

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