

Section 1: Identification	
Common Name/Trade Name	Lime Oil
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693
Product Synonym(s)	N/A
Relevant Use(s) of Product	Flavoring
	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)

Section 2: Hazards Identification	
Classification of Substance or Mixture	Flam. Liq. 3 H226, Asp. Tox 1 H304, Skin Irrit. 2 H315, Skin Sens. 1 H317
Signal Word	Danger
Hazard Statement(s)	H226 Flammable liquid and vapour H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H317 May cause an allergic skin reaction
Pictogram(s)	
Precautionary Statement(s)	P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking. P233 Keep container tightly closed. P235 Keep cool. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/light/equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 IF SWALLOWED Immediately call a POISON CENTER or doctor/physician. P303+P353+P361 IF ON SKIN (or hair) Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. P313+P333 Get medical advice/attention. If skin irritation or a rash occurs P331 Do NOT induce vomiting. P362 Take off contaminated clothing and wash before reuse. P363 Wash contaminated clothing before reuse. P370+P378 In case of fire Use for extinction. P403 Store in a well ventilated place. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.
Hazards Not Otherwise Classified	Results of PBT and vPvB assessment PBT: Not applicable vPvB: Not applicable
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients	
Chemical Name	N/A
Common Name	Lime Oil
CAS Number	8008-26-2
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Information for doctor: Most important symptoms and effects, both acute and delayed : No further relevant information available. Indication of any immediate medical attention and special treatment needed: No further relevant information available.
If Inhaled	Supply fresh air; consult doctor in case of complaints.
In Case of Skin Contact	Generally the product does not irritate the skin.
In Case of Eye Contact	Rinse opened eye for several minutes under running water.
If Swallowed	If symptoms persist consult doctor.
Most Important Symptoms and Effects	No further relevant information available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special Hazards Arising From the Substance/Mixture	No further relevant information available.
Special PPE and/or Precautions for Firefighters	No special measures required.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Not required
Methods and Materials Used for Containment	Do not allow to enter sewers/surface or ground water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Cleanup Procedures	Do not allow to enter sewers/surface or ground water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Section 7: Handling and Storage

Precautions for Safe Handling	No special precautions are necessary if used correctly.
Conditions for Safe Storage	No special requirements.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Components with limit values that require monitoring at the workplace: Not required. Additional information: The lists that were valid during the creation were used as basis.
Appropriate Engineering Controls	Wash hands before breaks and at the end of work.
PPE - Eye/Face Protection	Goggles recommended during refilling.
PPE - Skin Protection	The glove material has to be impermeable and resistant to the product/the substance/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacture of the protective gloves and has to be observed.
PPE - Body Protection	The glove material has to be impermeable and resistant to the product/the substance/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacture of the protective gloves and has to be observed.
PPE - Respiratory Protection	Not required.

Section 9: Physical and Chemical Properties

Appearance	Yellow Liquid
Upper/Lower Flammability or Explosive Limits	Not determined
Odor	characteristic
Vapor Pressure	Not determined
Odor Threshold	Not determined
Vapor Density	Not determined
pH	Not determined
Relative Density	Not determined
Melting Point/Freezing Point	Not determined
Solubility	Not miscible in water or difficult to mix
Initial Boiling Point and Boiling Range	Undetermined
Flash Point	115 °F
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not applicable
Partition Coefficient	Not determined
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not determined

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	No data available
Possibility of Hazardous Reactions	No dangerous reactions known.
Conditions to Avoid	No further relevant information available
Incompatible Materials	No further relevant information available
Hazardous Decomposition Products	No dangerous decomposition products known.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	No data available
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No irritant effect
Serious Eye Damage/Irritation	No irritating effect.
Respiratory or Skin Sensitization	No sensitizing effects known.
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	Substance is not listed
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	Substance is not listed
Carcinogenicity OSHA	Substance is not listed
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	Aquatic toxicity : No further relevant information available
Persistence and Degradability	Persistence and degradability : No further relevant information available
Bio-accumulative Potential	Bioaccumulative potential : No further relevant information available
Mobility in Soil	Mobility in soil : No further relevant information available
Other Adverse Effects	General notes: Water hazard class 1 (Self-assessment):slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects: No further relevant information available.

Section 13: Disposal Considerations

Waste Treatment Methods Product	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.
Waste Treatment Methods Packaging	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	UN1197
UN Proper Shipping Name	Extracts, Flavoring, Liquid
Transport Hazard Class(es)	3 Flammable Liquids
Packaging Group	III
Environmental Hazards	No data available

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture Sara Section 355 (extremely hazardous substances): Substance is not listed. Section 313 (Specific toxic chemical listings): Substance is not listed. TSCA (Toxic Substances Control Act) Substance is listed Proposition 65 Chemicals know to cause cancer: Substance is not listed. Chemicals known to cause reproductive toxicity for females: Substance is not listed. Chemicals known to cause reproductive toxicity for males: Substance is not listed. Chemicals known to cause developmental toxicity: Substance is not listed. \Carcinogenic categories EPA (Environmental Protection Agency) Substance is not listed. TLV (Threshold Limit Value established by ACGIH) Substance is not listed. NIOSH-Ca (Natal Institute for Occupational Safety and Health) Substance is not listed.

Section 16: Other Information

Additional Information	
Prepared By	Lisa Russell
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