

SAFETY DATA SHEET



DATE ISSUED :	1/4/2024

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lemon & Eucalyptus Fragrance Oil
PRODUCT TYPE: Perfumery Compound (Mixture)
PRODUCT RECOMMENDED USE: Compound used in customer substance/ mixture / product.

MANUFACTURER

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2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Physical Hazards	Flammable liquids	Category 4
Health Hazards	Acute Toxicity, dermal Sensitization, skin	Category 4 Category 1A
Environmental hazards	Not classified.	
OSHA hazards	Not classified.	

GHS LABEL ELEMENTS:

Signal word: Warning

Pictograms:



HAZARD STATEMENTS:

H227 Combustible liquid.
H312 Harmful in contact with skin.
H317 May cause an allergic skin reaction

PRECAUTIONARY STATEMENTS:

Prevention

P210 Keep away from flames and hot surfaces – no smoking.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P350 If on skin: Wash with plenty of water.
P312 Call a poison center/doctor if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use appropriate media to extinguish.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

The identity of the specific components of this mixture is proprietary information and is regarded to be a trade secret, in accordance with Paragraph 1910.1200 of Title 29 of the Code of Federal Regulations. Please refer to Section 2 for Health Hazard Identification based on the evaluation of the individual components.

4. FIRST AID MEASURES

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

EYES:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

SKIN:

Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if you feel unwell. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.

INGESTION:

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting. Obtain medical attention if you feel unwell.

INHALATION:

Remove from exposure to fresh air. Call a physician if symptoms develop or persist.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

In the event of a genuine medical emergency, additional information will be revealed to a qualified health professional.

POTENTIAL ADVERSE HUMAN HEALTH EFFECTS AND SYMPTOMS

Symptoms/effects acute and delayed: Direct contact with eyes may cause temporary irritation. May cause an allergic skin reaction. Dermatitis. Rash.

Indications of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Do not use the direct water jet / heavy water stream on burning material.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE /MIXTURE: The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

DURING FIREFIGHTING: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS: Treat as a chemical fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Do not enter fire area without proper protective equipment, including respiratory protection.

ADVICE FOR FIREFIGHTERS: Standard Procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

General Measures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS

For non-emergency personnel: Remove persons to safety.

For emergency responders: Wear breathing apparatus if exposed to vapors/dust/aerosols/gasses.

ACCIDENTAL RELEASE MEASURES:

Ventilate Area. Contain spill and absorb spill onto inert material. Place material into a suitable container and dispose of in accordance with local regulations. DO NOT leave soaked rags or paper in unsealed receptacles as spontaneous combustion may sometimes occur under certain circumstances.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

ENVIRONMENTAL PRECAUTIONS:

Keep away from drains, soil, surface and ground water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices

HANDLING AND STORAGE:

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

RESPIRATORY PROTECTION: If desired wear a NIOSH approved respirator. Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

EYE PROTECTION: Use tightly sealed splash goggles, face shield, or safety glasses with brow guards and side shields as may be appropriate.

SKIN PROTECTION: Avoid skin contact. Use chemical resistant gloves as needed to avoid prolonged or repeated contact. Use of a rubber apron is recommended when handling large quantities of this material.

WORK/HYGIENIC PRACTICES: Good personal hygiene practices should be used. Wash hands after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before using again.

OTHER USE PRECAUTIONS: None generally required.

COMMENTS: This material is intended for manufacturing use only. Contaminated equipment should be cleaned with soap and water. Do not discharge wash water into lakes, streams, ponds, or public waters.

USA – AIHA – Occupational Exposure Limits

This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

Exposure Guidelines US ACGIH Threshold Limit Values: Skin Designation

Citral (CAS 5392-40-5) can be absorbed through the skin

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Very pale yellow

ODOR: Conforms to Standard

APPEARANCE: Conforms to Standard

FLASH POINT: 153 °F

FLASH POINT METHOD: CLOSED CUP

AUTO-IGNITION TEMPERATURE: Not Determined

BOILING POINT/RANGE: Not Determined

MELTING POINT: Not Determined

VISCOSITY: Liquid

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

SOLUBILITY: Not Determined

PERCENT VOC: Not Determined

SPECIFIC GRAVITY: 0.8593

EVAPORATION RATE: Not Available

REFRACTIVE INDEX @ 25C: 1.4498

10. STABILITY AND REACTIVITY

REACTIVITY: Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated: Risk of ignition

CHEMICAL STABILITY: Product is stable under normal storage and use.

POSSIBILITY OF HAZARDOUS REACTIONS: None Known.

CONDITIONS TO AVOID: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.

MATERIALS TO AVOID: Strong acids. Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: May release flammable gases. fume. Carbon monoxide. Carbon dioxide

INCOMPATIBLE MATERIALS: Oxidizers

11. TOXICOLOGICAL INFORMATION

This mixture has not been subjected to toxicological testing as an entity.

12. ECOLOGICAL INFORMATION

This mixture has not been subjected to toxicological testing as an entity.

13. DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

14. TRANSPORT INFORMATION

DOT

UN number	NA1993
UN proper shipping name	Combustible liquid, n.o.s.

Transport hazard class(es)**Class** Combustible liq**Subsidiary risk** -**Label(s)** None**Packing group** III**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Special provisions** IB3, T1, T4, TP1**Packaging exceptions** 150**Packaging non bulk** 203**Packaging bulk** 241**IATA**

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. REGULATORY INFORMATION**Safety, health and environmental regulations specific for the product in question National regulations (United States)****Superfund Amendment and Reauthorization Act (SARA TITLE III)**

- SARA 302 Extremely Hazardous Substance Superfund Amendments and Reauthorization Act of 1986: Not Listed

- SARA 311/312 Hazardous Chemical: Yes

Classified Hazardous Categories: Flammable (Gases, aerosols, liquids, or solids)

Acute toxicity (any route of exposure)

Respiratory or skin sensitization

- SARA 313 (TRI reporting): Not regulated

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
none of the ingredients are listed

Clean Air Act: Not regulated

Safe Drinking Water Act (SDWA): Not regulated

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

16. OTHER INFORMATION**DISCLAIMER:**

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