



Aromatics LLC  
9280 Mormon Creek Rd  
Lolo, Montana 59847  
406-273-9833  
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## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lemon Oil Organic

EINECS no: n/a

CAS no: n/a

INCI no: : CITRUS LIMONUM

Latin Name: *Citrus limon*

Country: South Africa

#### **SUPPLIER:**

Aromatics International

9280 Mormon Creek Rd

Lolo, Montana 59847

406-273-9833

Fax: 406-273-9898

Emergency Phone Number: National Poison Control Center (all times) 1-412-681-6669

**Normal Use:** Cosmetics, essential oil therapy, aromatherapy etc. For external use only.

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### **Representative dangerous substances:**

(In a sufficiently high concentration to give it the toxicological properties that it would have in 100% pure state.)

No known substances in this category.

#### **Other dangerous substances.**

#### **Substances in a concentration below the minimum danger threshold.**

No known substances in this category

#### **Other substances with occupational exposure limit values**

No known substances in this category

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### 3. HAZARDS IDENTIFICATION

Not classified as dangerous to health by directives 88/379/EEC and 93/18/EEC.

Not classified as inflammable.

#### 4. First Aid Measures

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Flush with plenty of water for at least 15 minutes. Contact a doctor immediately.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Administer water or milk to dilute. Seek medical advice immediately.

If in doubt or if the symptoms persist, always consult a Physician. NEVER give anything by mouth to an unconscious person.

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#### 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO<sub>2</sub>, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

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#### 6. ACCIDENTAL RELEASE MEASURES

Refer to the protection procedures listed in items 7 & 8.

Contain and absorb leaks with non-combustible absorbent materials i.e. sand, soil. Contain spillage with sawdust, remove to an approved disposal container. Observe state, federal & local disposal regulations.

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#### 7. HANDLING AND STORAGE

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling.

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. Use only equipment resistant to vegetable oils, avoid leaks, ensure it does not soak into floor.

FIRE PROTECTION: Keep away from ignition sources & avoid contact with flames. Take precautions to avoid static discharges in working area.

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION: Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is to be used in a confined area.

VENTILATION: Ventilation meeting ACGIH standards should be employed.

HAND PROTECTION: Chemically resistant gloves are recommended.

EYE PROTECTION: Use safety glasses.

WORK/HYGIENE PRACTICES: Wash hands with soap & water after handling.

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#### 9. PHYSICAL & CHEMICAL PROPERTIES.

RELATIVE DENSITY: <1

COLOR: Pale yellow to greenish yellow with characteristic aroma

APPEARANCE: liquid

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ODOR:	Citrus, Fresh, Fruity, Lemony, Sweet
FLASH POINT:	93°C
REFRACTIVE INDEX @20 deg C	1.473-1.476
RELATIVE DENSITY@ 20 deg C	.850-.858
Solubility in water:	Insoluble
Auto-ignition temperature	300°C
Decomposition temperature	300°C

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#### **10. STABILITY & REACTIVITY.**

Stable under the recommended handling and storage conditions (see item 7)

It contains no hazardous decomposition products or significant reactivity hazards. Avoid heat or strong oxidizers.

Stability: Stable

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#### **11. TOXICOLOGICAL INFORMATION.**

Oral LD50: 5.0g/Kg This product is not intended for oral use.

Dermal LD50 5.0g/Kg

LD50 dosage levels are only a guideline obtained from historical data, products aren't tested on animals.

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#### **12. ECOLOGICAL INFORMATION.**

Biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large quantities into aquatic environment may kill fish and other aquatic organisms by oxygen depletion.

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#### **13. DISPOSAL CONSIDERATIONS.**

Do not pour into drains or into water sources. Seek expert advice.

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#### **14. TRANSPORT INFORMATION**

Not classified as hazardous for transport

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#### **15. REGULATORY INFORMATION**

Not classified

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#### **16. OTHER INFORMATION**

PACKAGING: Suitable for glass, Aluminum, F/HDPE. Do not use other plastics.

SHELF LIFE: When stored under optimal conditions - a dark and cool environment - approximately 1-2 years from distillation.

##### **QUALITY ASSURANCE:**

As the users' conditions of work are not known, the information contained in this Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations. The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.