



## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **LEMONGRASS OIL**

Other name(s): Cymbopogon flexuosus  
Recommended Use: Essential Oil.

Supplier: NOW Health Group  
Street Address: 395 Glen Ellyn Rd  
Bloomington, IL US

Telephone Number: 630-545-9098  
Emergency Telephone: 800-255-3927 ChemTel

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of Occupational Safety and Health (OSHA)  
**HAZARDOUS SUBSTANCE.**

Not classified as Dangerous Goods by the criteria of the DOT/OSHA for transport by Road and Rail;  
**DANGEROUS GOODS.**

Risk Phrases: Irritating to skin. May cause sensitization by skin contact. Harmful: May cause lung damage if swallowed.

Safety Phrases: Avoid contact with skin. Wear suitable protective clothing and gloves. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Poisons Schedule: None allocated.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Lemongrass Oil	8007-02-1	100%	R38, R43, R65

### 4. FIRST AID MEASURES

#### Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

#### Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.



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### Eye Contact:

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

### Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Never give anything by the mouth to an unconscious patient. Get to a doctor or hospital quickly.

### Medical attention and special treatment:

Treat symptomatically. Delayed pulmonary edema may result.

## 5. FIRE FIGHTING MEASURES

### Hazards from combustion products:

Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon.

### Precautions for fire fighters and special protective equipment:

Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

### Suitable Extinguishing Media:

Normal foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency procedures:

Shut off all possible sources of ignition. If contamination of sewers or waterways has occurred advise local emergency services.

### Methods and materials for containment and clean up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapors. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

### Conditions for safe storage:

Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

### Precautions for safe handling:

Avoid skin and eye contact and breathing in vapor, mists and aerosols.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



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Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission.

### Engineering controls:

Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapor/particulate respirator. Keep containers closed when not in use.

### Personal Protective Equipment:

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.



Wear overalls, safety glasses and impervious gloves. If risk of inhalation exists, wear organic vapor/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid Mobile
Color:	Not available Pale Yellow to Amber
Odor:	Characteristic Sweet , Fresh , Grassy - Lemon
Odor Threshold:	Not available
Solubility:	Insoluble in water.
Specific Gravity:	0.891 - 0.907
Relative Vapor Density (air=1):	Not available
Vapor Pressure (20 °C):	Not available
Flash Point (°C):	71 (CC)
Flammability Limits (%):	Not available
Auto ignition Temperature (°C):	Not available
Melting Point/Range (°C):	Not available
Boiling Point/Range (°C):	Not available
pH:	Not applicable
Viscosity:	Not available
Partition Coefficient:	Not available



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### 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Conditions to avoid:	Avoid exposure to heat, sources of ignition, and open flame.
Incompatible materials:	Incompatible with strong oxidizing agents.
Hazardous decomposition products:	Oxides of carbon.
Hazardous reactions:	Hazardous polymerization will not occur.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs. Breathing in vomit may lead to aspiration pneumonia (inflammation of the lung).
Eye contact:	May be an eye irritant.
Skin contact:	Contact with skin will result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
Inhalation:	Breathing in vapor, mists or aerosols may produce respiratory irritation.
Long Term Effects:	No information available for the product.

Toxicological Data:  
Oral LD50 (rat): >5,000 mg/kg (1)  
Dermal LD50 (rabbit): >5,000 mg/kg (1)  
SKIN: Moderate irritant (rabbit). (1)

### 12. ECOLOGICAL INFORMATION

Eco toxicity	Avoid contaminating waterways.
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### 13. DISPOSAL CONSIDERATIONS

Disposal methods:  
Refer to local government authority for disposal recommendations. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.



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### 14. TRANSPORT INFORMATION

#### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the DOT/ADR/RID Code for transport by Road and Rail;  
**NON-DANGEROUS GOODS.**

#### Marine Transport

Not classified as Dangerous Goods by the criteria of the ADNR code for transport by sea;  
**NON-DANGEROUS GOODS.**

#### Air Transport

Not classified as Dangerous Goods by the criteria of the (IATA) Dangerous Goods Regulations for transport by air;  
**NON-DANGEROUS GOODS.**

### 15. REGULATORY INFORMATION

Classification:	This material is hazardous according to criteria of OSHA ; HAZARDOUS SUBSTANCE.
Hazard Category:	Xn: Harmful Xi: Irritant
Risk Phrase(s):	R38: Irritating to skin. R43: May cause sensitization by skin contact. R65: Harmful: May cause lung damage if swallowed.
Safety Phrase(s):	S24: Avoid contact with skin. S36/37: Wear suitable protective clothing and gloves. S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.



### 16. OTHER INFORMATION

This safety data sheet has been prepared by Organic Infusions Quality Assurance Department.

**Revised Date: July 2017**

This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since NOW Health Group cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and



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control the risks arising from its use of the material.

