

## **SAFETY DATA SHEET**

### **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY UNDERTAKING**

Product Name		Lemongrass Essential Oil	
Biological Definition		<i>Cymbopogon Flexosus</i> Leaf Oil is an essential oil obtained from the leaves of the Lemon Grass, <i>Cymbopogon Flexosus</i> , <i>Poaceae</i>	
Inci No		<i>Cymbopogon Flexosus</i> leaf oil	
Synonyms & Trade names		Lemon Grass Oil	
Normal use		Cosmetics	
Reach Registration Number		N/A	
Hs Tariff Code		3301.29.90	
FEMA No.	N/A	FDA No.	19555298040
CAS-No.	89998-14-1	EINEC No.	289-752-0

### **02. HAZARDS IDENTIFICATION**

Signal Word	Non-hazardous
Contains	Geraniol, Citral
Hazard Statements	H317 May cause an allergic skin reaction
Precautionary Statements	P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wash thoroughly after handling
Supplementary Precaution statement	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302 + P334 IF ON SKIN: Immerse in cool water/wrap in wet bandages.
Adverse physio-chemical properties	Combustible but not self-ignite
Adverse effects on human health	Can cause skin and eye irritation

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	CAS	EINECS	%
CITRAL	5392-40-5	226-394-6	>70%
GERANIOL	106-24-1	203-377-1	0.5 - 5

### 04. FIRST AID MEASURES

General Information	See categories below
Inhaling	Move into an open-air space
Ingestion	Wash Mouth with water and obtain medical advice immediately
Skin Contact	Remove contaminated clothing, Wash thoroughly with soap and water. Seek medical advice if there is any sign of tissue damage.
Eye contact	Flush with plenty amount of water and seek medical advice if necessary.

### 05. FIRE FIGHTING MEASURES

Extinguishing Media	Use CO <sub>2</sub> Dry powder or foam type extinguishers. Do not use direct water jet on burning material
Special Fire Fighting Procedures	Wear protective clothing
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and they should be cooled

### 06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations

### 07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene and do not eat, drink or smoke while handling.
Storage Precautions	Store in tight closed original container, in cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to minimum.

### 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	Ensure good ventilation of working area
Respiratory Equipment	As required.
Hand Protection	Use chemically resistant gloves if required
Eye Protection	Use safety glasses
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

## **09. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid
Colour	Clear pale yellow to yellow
Odour	Citrus aroma
Flash point	90.2°C
Refractive Index (20°C)	1.4770 - 1.4890@20°C
Relative Density (20°C)	0.881 - 0.905@20°C
Melting point, Ph, vapour pressure	Data not found
Solubility in water	Not soluble

## **10. STABILITY AND REACTIVITY**

Stability	It presents no significant reactivity hazards, by it self or in contact with water Avoid storage at high temperature
Condition to avoid	
Materials to avoid	Avoid contact with strong acids, and oxidising agents
Hazardous Decomposition products	Acrolein in air from 200°C
Stability	Stable

## **11. TOXOLOGICAL INFORMATION**

Acute Toxicity	Not determined
Skin irritation & Aspiration hazard	May cause skin irritation.
Serious eye damage/ irritation	Potential exists. Wear goggles.

## **12. ECOLOGICAL INFORMATION**

Mobility	Not determined
Persistence and degradability	Not determined
Bioaccumulation potential	Not determined
PBT Assessment	Not determined
Precautions	Avoid discharge into the environment especially into land, waterways and sea

## **13. DISPOSAL CONSIDERATIONS**

Disposal Methods	Avoid discharge into the environment especially onto land, waterways and sea
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## **14. TRANSPORT INFORMATION**

Proper Shipping Name	N/A
UN No. Road	N/A
ADR Class	N/A
Air class	N/A

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Packaging group	N/A
EMS	N/A
UN No AIR	N/A
Hazchem code	N/A

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

Statutory Instruments	None
Approved codes of practice	None

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

Revision Date	02/2023
Risk phrases	None
Other	Complies with REACH guidance for SDS