

Certificate Of Analysis Sheet
LEMONGRASS ESSENTIAL OIL
CYMBOPOGON FLEXUOSUS

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|--|-------------------|
| Botanical Origin: INDIA | Lot#: 6591 |
| Product Information | |
| Extraction Method: STEAM DISTILLED | Parts Used: PLANT |
| Analysis Specifications | |
| Colour and appearance: Yellow, clear liquid | |
| Refractive index: 1.4828 at 27°C (range 1.4774 to 1.4834) | |
| Specific gravity: 0.8885 at 27°C (range 0.8860 to 0.8960) | |
| Optical Rotation: -1.5 degree (range -3 to +1 degree) | |
| Citral Content: 79% (by bisulphite method) 79% (by hydroxyl amine method) 72.7% (GLC Method total of citral B & Citral A) | |
| Declaration: We hereby declare that the above mentioned information is true and correct to the best of our knowledge and belief. | |

Material Safety Data Sheet

| Info | Identification |
|--|--|
| FEMA No | N/A |
| CAS No. | N/A |
| Chemical Name | |
| Health | |
| Flammability | |
| Reactivity | |
| Info | Fire, Explosion & Reactivity |
| Flash Point | 175.5 F |
| Extinguishing Media | FOG-No CO2-Yes FOAM-Yes DRY-Yes |
| Dot Classification | N/A |
| Stability | |
| NFPA Classification | N/A |
| Fire Fighting | N/A |
| Unusual Fire Hazard | N/A |
| Hazardous Combustible Decomposition Products | Carbon monoxide and unidentified organics compounds may be formed during combustion. |
| Info | Physical Data |
| Color & Odor | Clear, Pale yellow liquid |
| Boiling Point | 175.5 |
| Melting Point | N/A |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Water Solubility | COMPLIES |
| Info | Protection Data |
| Respiratory | Avoid breathing directly on the product. Apply local ventilations when appropriate. |
| Ventilation | Ensure good ventilation of the workstation. |
| Skin | Avoid skin contact. Use chemical resistant gloves as needed. |
| Eye | Use safety glasses. |
| Other | Wash hands with soap & water after handling. |
| Info | Occupational Exposure Limit |
| Threshold Limit OSHA | N/A |

Permissible Limit N/A
Carcinogen N/A
NTP Limit N/A
IARC Limit N/A
OSHA Limit N/A
Carcinogen Notes N/A

Info
Material Type
Health Hazard
Primary Entry
Routes
Health Hazard
Notes

Health Hazards

Info
Inhalation
Eye Contact
Skin Contact
Ingestion
First Aid Notes

Emergency First Aid

REMOVE FROM EXPOSURE SITE TO FRESH AIR AND KEEP AT REST. OBTAIN-MEDICAL ADVICE.
RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 10 MINUTES AT LEAST.-CONTACT A PHYSICIAN IF SYMPTOMS PERSIST.
WASH THOROUGHLY WITH SOAP AND WATER, FLUSH WITH PLENTY OF WATER.-TAKE OFF SPOILT CLOTHES. CONTACT A PHYSICIAN IF SYMPTOMS-PERSIST.
WASH MOUTH WITH WATER, SEEK MEDICAL ADVICE IMMEDIATELY.

Info
Spill Procedures
Waste Disposal

Spill, Leakage & Disposal Procedures

CONTAIN SPILLED MATERIAL WITH AN INERT, NONCOMBUSTIBLE, INORGANIC ABSORBENT-MATERIAL OR SWEEP UP AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. AVOID-OPEN FLAMES OR OTHER SOURCES OF IGNITION.

Info
Handling & Shipping Procedures

Handling & Shipping Procedures

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene. Store in a cool, dry and ventilated area away from heat sources and protected from light in a tightly closed original container. Keep air contact to a minimum. Keep away from ignition sources and naked flame.