

Lemon Verbena

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MATERIAL SAFETY DATA SHEET

ACCORDING TO EC LEGISLATION 91/155/E EC

Date created: June 1998

Date revised: June 2005

1. Identification:

Commercial name: Lemon Verbena

Botanical Nomenclature:

INCI name: Lippia citriodora

CAS number: 85116 ? 63 - 8

EINECS/ELINCS number: 285 ? 515 - 0

2. Composition:

Main components:

Additives (e.g. carriers, preservatives, antioxidants):

3. Potential Health Hazards:

Inhalation: None identified.

Skin: Concentrated liquid and vapours irritating to skin by prolonged exposure.

Eyes: Irritating to eyes with possible damage.

Ingestion: Harmful if swallowed.

4. First aid:

Inhalation: If discomfort is felt, remove person to a well ventilated area with plenty of fresh air.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water.

Eyes: Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice

from a Medical Doctor.

Ingestion: Seek immediate medical care.

5. In case of fire:

Extinguishing Media: Foam, Carbon dioxide.

Do not use: Water.

Special precautions: wear breathing apparatus as toxic vapours may be released during fire.

6. Spill and Leak Procedure:

Individual precautions: Eliminate sources of ignition. Keep area well ventilated and isolate the spill.

Environmental protection: Prevent the liquid from entering the drains and sewers.

Cleaning methods: Soak up the spill using inert absorbents. For large spills use pumps.

7. Handling and storage:

Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).

Handle in a well ventilated area.

Keep away from sources of heat and ignition.

8. Personal Protection / Exposure control:

Respiratory protection: wear breathing apparatus when working in an area of high vapour concentration.

Skin protection: Use protective gloves. wear protective clothing when possibility exists of contact.

Eye protection: Goggles should be worn.

General precautions: Use good industrial hygiene practise.

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9. Physiochemical properties:

Appearance:

Odour:

pH:

Neutral

Not available

Boiling point:

Flash point:

Autoignition Temperature:

Explosion Limits:

Vapour pressure (25°C):

Not available

>1 (air=1)

Vapour Density:

Specific Gravity (20°C):

Optical Rotation (20°C):

Refractive Index (20°C):

Solubility in water (20°):

Negligible

Partition Coefficient log P o/w:

Not available

Evaporation rate:

<1 (Butyl Acetate=1)

10. Stability and Reactivity:

Chemical Stability: Stable.

Conditions to avoid: Normally stable. Not reactive with water.

Hazardous Decomposition Products: Not available.

11. Sensitisers:

Citral 3%, Geraniol 0.2%, Limonene 73%, Linalool 0.3%, total 76.5%

12. Toxicological Information:

According to RIFM- Monograph:

Acute Toxicity: Oral LD50: g/kg

DermaLD50: g/kg

Irritation:

Sensitisation:

Phototoxicity:

13. Ecotoxicological information:

Fish Toxicity: LCO/EC50: Not available.

Bacteriotocity: ECO/EC50: Not available.

14. Disposal Method:

Check Federal, State and Local Regulations.

15. Transport Information:

Non-hardous material transport in suitable containers.

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16. Legislation:  
Meets IFRA and RIFM guidelines.

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FOR AND ON BEHALF OF SHIRLEY PRICE AROMATHERAPY LTD:  
P.I Brealey..... (MANAGING DIRECTOR)  
DATE: