



## MATERIAL SAFETY DATA SHEET

**Product :** Verbena essential oil

Last update : 06/17/2013

### 1. IDENTIFICATION

**Trade Name:** Verbena essential oil

**Botanical name:** Lippia citriodora

**Use:** Aromatherapy, Perfumery

**CAS Number:** 8024-12-2

**Country of origin :** Morocco

### 2. PHYSICAL DATA

**Odor:** Characteristic odor.

**Appearance:** Golden yellow transparent liquid.

**Solubility in Water:** Insoluble, Soluble in alcohol and fixed oils

**Boiling Point:** N/F

**Melting Point:** N/F

**Solidification point:** N/F

### 3. FIRE, EXPLOSION AND REACTIVITY

**Flashpoint:** +62°C

**Stability:** Stable under normal temperature conditions

**Hazard Class:** 9

**Packaging Group:** III

**UN#:** 3082

### 4. PROTECTION INFORMATION

**Respiratory Protection:** Not usually necessary, approved respirator may be used if so desired

**Eye Protection:** Use splash goggles.

**Skin Protection:** Use chemical resistant gloves.

**Ventilation:** Localized exhaust may be used to remove vapors

**Other:** Acceptable industrial hygiene practices should be maintained

### 5. HEALTH HAZARD INFORMATION

**Inhalation:** Inhalation of high concentrations of vapor may cause anesthetic effects

**Skin Contact:** May be irritating

**Eye Contact:** May be irritating

**Other :** May cause allergic dermatitis

## 6. EMERGENCY AND FIRST AID MEASURES

**Inhalation:** Remove to fresh air.

**Skin Contact:** Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

**Eye Contact :** Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

**Ingestion:** Oral ingestion of milk or water to dilute

**Other:** Consult physician if problems persist

## 7. SPILLS, LEAKS AND DISPOSAL

**Spilled or released:** Eliminate flames and sources of ignition.

**Small spills:** Wipe up with cloth

**Larger Spills:** Use porous absorbant

## 8. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Wear splash goggles and oil-resistant gloves. Provide good ventilation.

**Storage:** Store in a tight container in a cool, well ventilated area Protect from sunlight and away from sources of ignition Store in cool area

*The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.*

*This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.*