



MATERIAL SAFETY DATA SHEET

Product : Mandarin essential oil

Last update : 18/09/2013

1. IDENTIFICATION

Trade Name: Mandarin essential oil

Botanical name: Citrus reticulata

Use: Aromatherapy ,Perfumery

CAS° : 8008 -31-9

Country of origin : Morocco

2. PHYSICAL DATA

Odor: Characteristic sweet orange

Appearance: Orange yellow

Solubility in Water: Insoluble

Gravity: 0.847 – 0.855

3. FIRE, EXPLOSION AND REACTIVITY

Flashpoint: up to 49°C

Stability: Stable

Hazard Class: N/F

Packaging Group: N/A

UN#: N/A

4. PROTECTION INFORMATION

Respiratory Protection: None generally required, Avoid casual breathing of vapors

Eye Protection: The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

Skin Protection: Use chemical resistant gloves.

Other: Use at elevated temperature or aerosol / spray applications may require additional precautions

5. HEALTH HAZARD INFORMATION

Inhalation: Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness

Skin Contact: Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene

Eye Contact: May irritate eyes

Ingestion : Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting

6. EMERGENCY AND FIRST AID MEASURES

Inhalation: Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness

and nausea.

Skin Contact: Skin contact can produce irritation, or itching of the skin. Remove contaminated clothing Wash with soap and plenty of water. Seek medical attention if irritation persists.

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

Ingestion: Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never-give anything by mouth if victim is unconscious, is rapidly losing or is Convulsing

7. HANDLING AND STORAGE

Handling: Follow good industrial practice as to housekeeping, Avoid inhalation, contact with skin and eyes. Wear splash goggles and oil-resistant gloves. Provide good ventilation.

Storage: Store in closed containers, away from heat, light and other sources of ignition. Store in cool dry, and well-ventilated 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.