

Material Safety Data Sheet (2 pages total)
Camden-Grey Essential Oils
3579 NW 82 Ave.
Miami, FL 33122
Phone: (305)500-9630
Emergency Phone Number : 305-500-9630

Section 1. Chemical Identification
MANDARIN OIL

Section 2. Composition/Information of Ingredients
CAS No.: 8008-31-9
Molecular Formula: NA
Botanical nomenclature: Citrus reticulata

Section 3. First-Aid Measures

Eye Contact Aid: Flush immediately with cold clean water for at least 15 minutes, contact physician immediately.
Skin Contact Aid: Thoroughly wash the affected area with soap and water. Flush with large quantities of water. If irritation persists, call a physician.
Inhalation Aid: Remove individual to fresh air, contact physician if necessary
Ingestion Aid: Administer water or milk to dilute. Contact a physician or local poison control center immediately.

Section 4. Fire Fighting Measures

Extinguishing Media: CO₂; Foam; Dry Chemical
Special Fire Fighting Procedure: Wear protective clothing to prevent contact with skin and eyes
Unusual Fire and Explosion Hazards: Not Established

Section 5. Accidental Release Measures

Procedure: Remove any source of flame or sparks. If in a confined area, NIOSH approved respiratory protection may be required.
Absorb spills with vermiculite or other suitable material, and remove to an approved disposal container. Dispose of in accordance with current laws and regulations. Avoid open flames and sources of ignition.

Section 6. Handling and Storage

Storage/Handling: Store in tight full containers in a cool dry place away from light.

Section 7. Exposure Controls/Personal Protection

Eyes: The use of Goggles or a face shield is recommended.
Respiratory: Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is rated toxic by inhalation or if the material is to be used in a confined area.
Other Protective Devices: Chemical resistant gloves are recommended.
Ventilation: Ventilation meeting ACGIH Standards should be employed.
Work/Hygienic Practices: Use good personal hygiene practices; Limit exposure to product whenever possible. Wash any contaminated clothing or shoes before each use.

Section 8. Physical and Chemical Properties

Appearance and Odor: Yellow to dark orange liquid with a fresh, orange/mandarin aroma
Boiling Point °C: 178.00°C @760.00 mmHg
Vapor Density: Not determined
Vapor Pressure: Not determined
Specific Gravity: 0.84600 - 0.85300 @25°C
Solubility: Insoluble
Evaporation rate: Not determined

Flash Point: 48.89°C (Tag Closed Cup) 120.00°F (Tag Closed Cup)

Flammability (solid, gas): NA
Autoflammability: NA
Explosive Properties: NA
Oxidizing Properties: NA

Section 9. Stability and Reactivity

Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.
Materials and/or conditions to avoid: None
Stability: stable

Section 10. Toxicological Information

Threshold Limit Value (ACGIH TLV): None Established
Threshold Limit Value (OSHA PEL): None Established
Carcinogenicity: None established
NTP Monograph: None Established; IARC Monograph: None Established
Acute Toxicity Data:
Oral LD50, Dermal LD50, Inhalation LC50: None Established
Health Hazards (Acute and Chronic): Ingestion: None Established; Inhalation: None Established
Skin Contact: Liquid May be Irritating; Eye Contact: Liquid May be Irritating
Note: The above effects are based on evaluation of individual components and the relevancy to the mixture as whole or to humans is unknown
Other Effects: None Established

Section 11. Ecological Information

Biodegradability: NA; Aquatic Toxicity: NA
Check Federal, State and Local regulations.

Section 12. Transport Information

Proper Shipping Name: TERPENE HYDROCARBONS, N.O.S.
(TERPENES)
UN#: 2319
UN Pkg Group: III
ERG#: 128
Air/Steamer Transport Information:
Class
Air 3
Steamer 3
Required Labels:

Section 13. Other Information

Hazardous Materials Identification System
Health: 1 Flammability: 2 Reactivity: 0 Personal Protection: B
4-Extreme 3-High 2-Moderate 1-Slight 0-No Significant Hazard

Section 14. Regulatory

Section 15. Conclusion

The information contained herein is based on data considered accurate and reliable. However, the data is provided without any warranty, expressed or implied regarding its correctness or accuracy. It is the users responsibility both to determine safe conditions for use of this product, and to assume liability for loss, injury, damage, or expense resulting from the improper use of this product.