

SECTION 1: Identification

1.1. Identification

Product Name Mandarin, red, blended oil

1.2. Recommended use and restrictions on use

Recommended Use No information available.

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
Emergency Tel. No.: Chemtrec 1-800-262-8200 // 1- 703-741-5500

1.4. Emergency telephone number

Emergency number: Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN 797608

SECTION 2: Hazard(s) identification

GHS Classification

Asp. Tox. 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

100% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Aspiration Hazard, category 1	H304	May be fatal if swallowed and enters airways.
Flammable Liquid, category 3	H226 H315	Flammable liquid and vapour. Causes skin irritation.
Irritation, category 2		
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P331	Do NOT induce vomiting.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing.
P363	Wash contaminated clothing before reuse.

SECTION 3: Composition/information on ingredients

Chemical Name

PROPRIETARY

CAS-No.

8008-31-9

Wt. % GHS Symbols

75-100 GHS07-GHS08

GHS Statements

H304-315-317

SECTION 4: First-aid measures

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FIRST AID - INHALATION: Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

FIRST AID - SKIN CONTACT: In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. If rash or irritation develops, consult a physician.

FIRST AID - EYE CONTACT: If material gets into eyes, flush with water immediately for 15 minutes. Consult a physician. **FIRST AID - INGESTION:** If ingested, consult a physician.

SECTION 5: Fire-fighting measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. Vapors can form an ignitable mixture with air. Vapors can flow along surfaces to a distant ignition source and flash back. Burning produces irritant fumes.

SPECIAL FIREFIGHTING PROCEDURES: Use a self-contained breathing apparatus with full facepiece operated in pressure- demand or other positive pressure mode.

Extinguishing Media: Dry Chemical, Alcohol Foam

SECTION 6: Accidental release measures

ENVIRONMENTAL PRECAUTIONS: Contain any spills immediately and dike area to prevent spreading. Package material and dispose of as hazardous waste.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb residue with suitable chemical absorbent. Dispose of material in accordance with all federal, state and local regulations. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

HANDLING: Flammable liquid. Avoid heat, sparks and open flames. Avoid breathing vapor and contact with eyes, skin and clothing. Hazardous residue may remain in emptied container. Do not reuse empty containers without commercial cleaning or reconditioning. To reduce potential for static discharge, bond and ground containers when transferring material. Practice good caution and personal cleanliness to avoid skin and eye contact. Do not eat, drink, or smoke while handling this product. Wash hands after handling and before eating. Avoid contact with skin and clothing. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

STORAGE: Keep container tightly closed when not in use

SECTION 8: Exposure controls/personal protection

CHEMICAL NAME	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Oils, Mandarin	N.E	N.E	N.E	N.E

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: Atmospheric levels should be maintained below exposure limits using ventilation. Use NIOSH approved respirator where ventilation is insufficient.



SKIN PROTECTION: Chemical-resistant gloves and safety glasses and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.



EYE PROTECTION: Use goggles or safety glasses.



OTHER PROTECTIVE EQUIPMENT: Use good hygiene practices. Wash face and hands before eating, drinking, and smoking. Eye wash and safety showers should be readily available.



HYGIENIC PRACTICES: Contaminated clothing should be changed and washed before reuse. Eating, drinking and smoking in immediate work area should be prohibited. Contaminated work clothing should not be allowed out of the workplace. Wash hands and face before breaks and immediately after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid	Physical State	Liquid
Odor	Not Measured	Odor Threshold	Not Measured
Density	Not Measured	pH	Not Measured

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Freeze Point °C	Not Measured	Viscosity	Not Measured
Soluble in Water	Dispersible	Partition Coefficient, n-octanol/water	Not Measured
Decomposition temperature °C	Not Measured	Explosive Limits %	Not Measured
Boiling Range °C	Not Measured	Flash Point °C / °F	46 / 114
Combustibility	Supports Combustion	Auto-ignition Temperature	Not Measured
Evaporation Rate	Not Measured	Vapor Pressure mmHg	Not Measured
Vapor Density	Not Measured		

SECTION 10: Stability and reactivity

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Avoid exposure to heat, light, flame or other sources of ignition. Avoid contact with strong oxidizers.
INCOMPATIBILITY:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	No hazardous decomposition products are known.

SECTION 11: Toxicological information

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).
EFFECT OF OVEREXPOSURE - SKIN CONTACT: Direct skin contact may cause irritation.
EFFECT OF OVEREXPOSURE - EYE CONTACT: Mist and vapors may cause eye irritation. Direct eye contact may cause irritation.
EFFECT OF OVEREXPOSURE - INGESTION: May be harmful if swallowed. May cause nausea, vomiting, and diarrhea.
CARCINOGENICITY: No Information
PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
8008-31-9	Oils, Mandarin	>5000 mg/kg Rat	N.I.	N.I.
N.I. = No Information				

SECTION 12: Ecological information

ECOLOGICAL INFORMATION: This product has no known eco-toxicological effects.

SECTION 13: Disposal considerations

DISPOSAL METHOD: Dispose of material in accordance with applicable federal, state and local regulations.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb residue with suitable chemical absorbent. Dispose of material in accordance with all federal, state and local regulations. Only trained personnel wearing protective equipment should handle spill cleanup. Avoid personal contact.

SECTION 14: Transport information

SPECIAL TRANSPORT PRECAUTIONS: Ground transport only.

DOT Proper Shipping Name:	Extracts, Aromatic, Liquid (Mandarin Oil Red)	Packing Group:	III
DOT Technical Name:	No Information	Hazard SubClass:	No Information
DOT Hazard Class:	3	Resp. Guide Page:	No Information
DOT UN/NA Number:	UN1169		

SECTION 15: Regulatory information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

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No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following hazardous materials are among the components in this product.

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Oils, Mandarin	8008-31-9

PENNSYLVANIA RIGHT-TO-KNOW

The following hazardous ingredients are present in the product at greater than 3%.

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CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class	No Information
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SECTION 16: Other information

DISCLAIMER: The information in this SDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Camden-Grey Essential Oils, Inc.'s control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.