

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name : OIL PIMENTO LEAF WEST INDIA FCC
Cas No : 8006-77-7

1.2. Recommended use and restrictions on use

Uses advised against : No information available.

1.3. Supplier

Camden-Grey Essential Oils, Inc.
5751 Halifax Ave., Unit 2
Fort Myers, FL 33912
www.camdengrey.com

1.4. Emergency telephone number

Emergency number : Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN330

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Serious eye damage/eye irritation : Category 2A
Carcinogenicity : Category 2
Flammable liquids : Category 4

2.2 GHS Label elements, including precautionary statements

Emergency Overview

Warning

Hazard Statements

Causes serious eye irritation
Suspected of causing cancer
Combustible liquid



Appearance clear

Physical state liquid

Odor characteristic of pimento/allspice

2.3 Other hazards which do not result in classification

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists:

Get medical advice/attention

In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep cool

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Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

May be harmful if swallowed

Toxic to aquatic life

SECTION3:Composition/information on ingredients

3.1 Substance

Chemical Name	CAS-No	Weight %	Trade Secret
EUGENOL	97-53-0	50-90%	*
METHYL EUGENOL	93-15-2	1-5%	*
TERPINOLENE	586-62-9	<1	*
A-TERPINEOL	98-55-5	<1	*

SECTION4:First-aid measures

4.1 Description of first aid measures

General advice	If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Immediate medical attention is not required. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. anything by mouth to an unconscious person. Call a physician.
Self-protection of the first aider	Use personal protective equipment.
<u>Most important symptoms/effects, acute and delayed</u>	
Main Symptoms	Hives.
<u>Indication of immediate medical attention and special treatment needed, if necessary</u>	
Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.

SECTION5:Fire-fighting measures

5.1 Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

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Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

5.2 Specific hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization in susceptible persons.

Explosion data

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

5.3 Advice for fire fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.4 Reference to other sections

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains. Dam up.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation. Use personal protective equipment as required. Use only in area provided with appropriate exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

Incompatible products

None known based on information supplied.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Exposure controls

Engineering Controls

Showers Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

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Eye/face protection

Tightly fitting safety goggles. Face-shield.

Skin and body protection

Chemical resistant apron.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical and chemical properties

Physical state

liquid

Appearance

clear

Odor

characteristic of pimento/allspice

Color

colorless to yellow amber

Property

Values

Method

pH

No information available

Melting/freezing point

FCC Method

Boiling point/boiling range

FCC Method

Flash Point

93 °C / 200 °F

Closed cup

Evaporation rate

No information available

No information available

Flammability (solid, gas)

No information available

No information available

Flammability Limits in Air

No information available

No information available

Upper flammability limit

No information available

lower flammability limit

Vapor pressure mm Hg 20°C

No information available

Vapor density

No information available

Specific Gravity @ 25C

1.037 - 1.050

FCC Method

Specific Gravity @ 20C

1.04 - 1.053

FCC Method

Refractive Index

1.531 - 1.536

FCC Method

Water solubility

Practically insoluble

Solubility in other solvents

No information available

Partition coefficient: n-octanol/water

Autoignition temperature

No information available

Decomposition temperature

No information available

Viscosity, kinematic

No information available

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Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing Properties	No information available

9.2 Other information

Softening point	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

None known based on information supplied.

10.6 Hazardous decomposition products

None known based on information supplied.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information	Product does not present an acute toxicity hazard based on known information
Inhalation	There is no data available for this product.
Eye contact	There is no data available for this product.
Skin contact	There is no data available for this product.
Ingestion	There is no data available for this product.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
EUGENOL 97-53-0	1930 mg/kg (Rat)	-	-
METHYL EUGENOL 93-15-2	810 mg/kg (Rat)	2025 mg/kg (Rabbit)	-
TERPINOLENE 586-62-9	4390 mg/kg (Rat)	-	-
A-TERPINEOL 98-55-5	5170 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

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Chemical Name	ACGIH	IARC	NTP	OSHA
EUGENOL 97-53-0		Group 3		
METHYL EUGENOL 93-15-2			Reasonably Anticipated	X

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X – Present

Reproductive toxicity.	No information available.
Specific target organ systemic toxicity (single exposure).	No information available.
Specific target organ systemic toxicity (repeated exposure).	No information available.
Chronic toxicity.	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

. mg/kg

SECTION 12: Ecological information

12.1 Toxicity

13% of the mixture consists of component(s) of unknown hazards to the aquatic environment

12.2 Persistence and degradability

No information available.

12.3 Bio accumulative potential

No information available.

12.6 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste Disposal Methods	It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.
Contaminated packaging	Do not reuse container.

SECTION 14: Transport information

14.1 Transport

<u>DOT</u>	Not regulated
<u>ICAO/IATA</u>	Not regulated
<u>IMDG / IMO</u>	Not regulated

SECTION 15: Regulatory information

15.1 Regulatory information

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight	SARA 313 - Threshold Values %
METHYL EUGENOL - 93-15-2	93-15-2	5	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	Yes
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
METHYL EUGENOL - 93-15-2	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
METHYL EUGENOL 93-15-2	X		
TERPINOLENE 586-62-9	X		

U.S. EPA Label information

SECTION 16: Other information

<u>NFPA</u>	Health Hazard 2	Flammability 2	Instability 0	Physical and chemical hazards *
<u>HMIS</u>	Health Hazard 2	Flammability 2	Physical Hazard 0	Personal protection b

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