

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Wormwood Essential Oil
Botanical name	:	Artemisia scoparia
INCI name	:	Artemisia scoparia oil
Product use	:	Domestic and Industrial
Supplier	:	Suyash Ayurveda
Address	:	4311/3, Road No, Sachin GIDC, Surat, Gujarat, INDIA
Telephone number	:	+91 9374812345
Emergency phone number	:	+91 9374812345

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

### WHMIS Classification

B3 Combustible Liquid as per WHMIS regulations.

### GHS Classification

Specific Target Organic toxicity - single exposure - Category 3

Skin corrosion / irritation 2.

Serious eye damage/eye irritation - Category 2B

Flammable liquids - Category 4

Skin irritation (Category 1)

Reproductive Toxicity - Category 2

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

H335	May cause respiratory irritation.
H315	Causes skin irritation.
H320	Causes eye irritation.
H227	Combustible Liquid
H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility or the unborn child.

**Precautionary statement(s)**

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P201	Keep out of reach of children.
P262	Do not get in eyes, on skin, or on clothing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes.
.	Remove contact lenses if present and easy to do - continue rinsing.
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.

**3. COMPOSITION / INFORMATION INGREDIENTS**

Product Name	CAS NO	EC NO	Concentration
Alpha-thujene			18 - 22%
Alpha-phellandrene	99-83-2	202-792-5	8 - 12%

**4. FIRST AID MEASURES****Eye contact**

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact**

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation**

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

**Ingestion**

Seek medical attention or contact local poison control center.

**5. FIRE FIGHTING MEASURES****Suitable extinguishing media**

Foam. Dry Powder. Carbon dioxide.

**Unsuitable extinguishing media**

Water spray, water jet.

**Special protective equipment and precautions for fire-fighters**

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or its combustible products**

Hazardous decomposition products may be formed at extreme heat or if burned.

**Resulting gases**

Carbon oxides.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures.**

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

**Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**Methods and materials for containment and cleaning up**

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Eyes

Use tightly sealed goggles.

### Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

### Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Green to greenish blue liquid.
Odor	:	Strong characteristic odor of wormwood leaf.
Flash point	:	67° C
Relative density	:	0.900 - 0.955 @ 20° C
Solubility (ies)	:	Soluble in alcohol and oils. Insoluble in water.
Refractive index	:	1.4720 - 1.4900 @ 20 deg C

## 10. STABILITY AND REACTIVITY

### Reactivity

This material presents no significant reactivity hazard.

### Chemical stability

Chemically stable.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Avoid sparks, flame and other heat sources.

### Incompatible materials

Strong oxidizing agents, strong reducing agents.

### Hazardous decomposition products

Carbon Oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Oral Toxicity (LD50):

Oral-Rat 54.00-138.00 mg/kg

Food and Cosmetics Toxicology. Vol. 12, Pg. 845, 1974.

Dermal Toxicity (LD50):

Skin-Rabbit >500.00 mg/kg

Food and Cosmetics Toxicology. Vol. 12, Pg. 845, 1974.

**Reproductive toxicity**

Possible risk of harm to the unborn child.

**Respiratory or skin sensitization**

Irritating to respiratory system and skin.

**Inhalation**

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

**Skin contact**

May cause sensitisation by skin contact.

## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

Avoid any pollution of ground, surface or underground water.

**Persistence and degradability**

Not available.

**Bio - accumulative potential**

Not available.

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

## 13. DISPOSAL CONSIDERATION

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Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

## 14. TRANSPORT INFORMATION

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**US DOT Shipping Description (Land)**

Not regulated

**IMO-IMDG Shipping Description (Sea)**

Not regulated

**IATA Shipping Description (Air)**

Not regulated

## 15. REGULATORY INFORMATION

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**WHMIS Classification**

B3 - Combustible Liquid

**TSCA**

All components of this product are listed on the TSCA Chemical Substances Inventory or are exempt.

**California Proposition 65**

Contains substance identified in the revised list of the California Safe Cosmetic program SB 484 (as stated in Proposition 65 revised list): METHYL CHAVICOL.

**GHS Hazard Statements**

See Section 2.

## GHS Precautionary Statements

See Section 2.

### 16. OTHER INFORMATION

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Revision date : April 25,2022

#### Disclaimer & Caution

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