



RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1.1 — PRODUCT IDENTIFICATION

PRODUCT NAME: ARMOISE ESSENTIAL OIL

BOTANICAL NAME: Artemisia herba-alba / Artemisia alba

COMMON NAMES: White Mugwort Oil / White Wormwood Oil / Armoise Blanche Oil / Desert Mugwort Oil

MOLECULAR FORMULA: NOT APPLICABLE

MOLECULAR WEIGHT: NOT APPLICABLE

CAS No.: 8022-37-5

FEMA No.: NOT ASSIGNED

■ **SAFETY WARNING:** Contains camphor and alpha/beta-thujone — NEUROTOXIC AND ABORTIFACIENT in large doses. For external/aromatic use only. STRICTLY CONTRAINDICATED IN PREGNANCY.

SECTION 1.2 — COMPANY IDENTIFICATION

Company Name: RV International

Address: Shiv Mandir, Ujha Rd, Opposite Sudhanshu Aashram, Nimbri, Panipat, Haryana 132104

Telephone: +91 8937003005

Email: info@rvorganica.com

Website: www.rvorganica.com

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	HAZARDOUS STATEMENT
ARMOISE ESSENTIAL OIL (White Mugwort)	8022-37-5	Contains camphor & thujone — toxic in large doses

HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE UNDER NORMAL DILUTED AROMATIC USE — HOWEVER REQUIRES SPECIAL CAUTION DUE TO CAMPHOR AND THUJONE CONTENT.

*AROMATIC & PERSONAL CARE PURPOSE — FOR EXTERNAL / AROMATIC USE ONLY. Armoise essential oil is steam distilled from the aerial parts (herb) of Artemisia herba-alba — a strongly aromatic perennial shrub native to North Africa, the Middle East, and the Mediterranean region. Also known as White Mugwort or White Wormwood, it is prized in North African traditional medicine and perfumery. The oil contains camphor (30–50%) and varying levels of thujone — both of which are neurotoxic and abortifacient in significant amounts. Must be used with strict caution.

SECTION 3: HAZARD IDENTIFICATION

■ **THIS OIL REQUIRES SPECIAL SAFETY PRECAUTIONS DUE TO CAMPHOR AND THUJONE CONTENT.**

Eye Contact: Strong irritant — avoid all contact with eyes

Skin Contact: Irritant when used undiluted; camphor causes significant skin irritation — always dilute heavily before use



+91 8937003005



www.rvorganica.com



info@rvorganica.com



Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104



RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

Inhalation: Concentrated vapors may cause dizziness, headache, and nausea — use only in well-ventilated areas at low concentrations

Ingestion: TOXIC — camphor and thujone are neurotoxic and can cause convulsions. Seek IMMEDIATE medical attention if ingested.

SECTION 4: FIRST AID MEASURES

Eyes: Flush immediately with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.

Ingestion: ■ MEDICAL EMERGENCY — Call emergency services immediately. Do NOT induce vomiting. Camphor/thujone poisoning can cause rapid-onset convulsions. Transport to hospital immediately. Provide MSDS to medical personnel.

Inhalation: Remove to fresh air immediately. Seek medical attention if dizziness, headache, or respiratory symptoms develop.

SECTION 5: FIRE AND EXPLOSION DATA

Flash Point (Method Used): >44°C Close Cup

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam

Unsuitable Media: Water (except to cool containers)

Special Firefighting Procedures: Fire fighters should wear positive pressure self-contained breathing apparatus. Toxic vapors may be released. Cool containers exposed to flame with water.

Unusual Fire & Explosion Hazards: Low flash point — keep away from heat and open flame

Hazardous Decomposition Materials: Carbon monoxide and carbon dioxide on combustion

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear chemical resistant gloves, eye protection, and apron. Avoid inhalation. Ventilate area thoroughly.

Methods for Cleaning Up: Eliminate all sources of ignition. Ventilate area thoroughly. Prevent liquid from entering sewers.

- Small spills: wipe up with paper rags (place in closed metal waste container)
- Large spills: absorb onto non-flammable absorbent. Wash area with soap and water. Ventilate well.

SECTION 7: HANDLING AND STORAGE

Safe Handling: For external and aromatic use ONLY at very low concentrations. NEVER ingest. Always dilute heavily — max 1% for skin use. Avoid contact with face of infants and children. Keep away from open flame. Use only in well-ventilated areas.

Storage Requirements: Store in a cool, dark, dry, well-ventilated area. Keep tightly sealed. Keep away from children and pets at ALL times. Temperature below 25°C.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Threshold Limit Value: Camphor: 2 ppm TWA (ACGIH); Thujone: restricted/regulated in many jurisdictions

Work Practice Controls: Strict personal hygiene and handling protocols required.

- Keep container secured away from children and pets at ALL times
- Use only in well-ventilated spaces — camphor vapors are toxic at high concentrations
- Wear gloves when handling undiluted oil



+91 8937003005



www.rvorganica.com



info@rvorganica.com



Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104



RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

- Wash hands thoroughly after handling

Respiratory: Avoid concentrated vapor inhalation — may cause dizziness and nausea

Ventilation: Strong local mechanical exhaust recommended when handling

Eye: Wear chemical goggles or safety glasses

Skin: Wear chemical resistant gloves

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid, Oil

Color: Colorless to Pale Yellow

Odor: Characteristic fresh, camphoraceous, herbaceous, sage-like armoise scent

Vapor Pressure (mmHg.): Not available

Flash Point: >44°C (Closed Cup) — low flash point; keep away from ignition sources

Boiling Point: Not available

Melting Point: NA

Density @25°C: 0.908

Refractive Index @25°C: 1.466

Solubility in Water: Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions

Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and hot sources of ignition.

Conditions to Avoid: Avoid contact with sparks, flame, and heat.

Hazardous Decomposition By-products: Carbon monoxide and carbon dioxide on combustion.

Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

■ **HIGH TOXICITY RISK — CONTAINS CAMPHOR (30–50%) AND ALPHA/BETA-THUJONE. STRICTLY FOR EXTERNAL/AROMATIC USE AT LOW DILUTIONS ONLY.**

Primary Toxic Components: Camphor (neurotoxic in large doses; causes convulsions), α -Thujone & β -Thujone (neurotoxic; abortifacient)

Camphor Toxicity: Toxic if ingested or absorbed through skin in large amounts; causes CNS stimulation and convulsions

Thujone Toxicity: Neurotoxic and strongly abortifacient; restricted in food and beverages in many countries

Irritancy: Strong irritant when undiluted

Sensitization: May cause sensitization in sensitive individuals

ABSOLUTE CONTRAINDICATIONS: PREGNANCY (strongly abortifacient), BREASTFEEDING, CHILDREN under 12 years, individuals with epilepsy or seizure disorders, individuals with liver or kidney disease

Max Skin Use Level: Recommended maximum 1% dilution for skin products

■ **CRITICAL NOTE:** Armoise oil contains both camphor (neurotoxic) and thujone (neurotoxic + abortifacient). Never ingest. Never use near the face of children. Keep completely away from children, pregnant women, and individuals with epilepsy or seizure disorders.

SECTION 12: ECOLOGICAL INFORMATION



+91 8937003005



www.rvorganica.com



info@rvorganica.com



Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104



RV INTERNATIONAL

Essential Oils Manufacturer & Bulk Supplier in India

GST NO. 06BGIPG9360E1ZF

Address: Opposite Sudhanshu Maharaj Ashram, Shiv Mandir, Nimbri, Panipat, Haryana 132104

Toxicity: Toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATION

Waste Disposal Methods: Dispose of according to local, state and federal regulations. Do not pour down drains.

SECTION 14: OTHER REGULATORY INFORMATION

CAS NO: 8022-37-5

Primary Hazardous Constituents: Camphor (30–50%), α -Thujone & β -Thujone (variable), 1,8-Cineole

Thujone Status: Thujone is restricted/regulated in food and beverages under EU and US regulations

Absolute Contraindications: Pregnancy, breastfeeding, children under 12, epilepsy/seizure disorders, liver disease, kidney disease

Max Skin Use Level: 1.0% for leave-on cosmetic products

Hazards: NEUROTOXIC and ABORTIFACIENT (thujone, camphor); Strong Irritant; Low flash point

Safety Phrases: STRICTLY NOT for internal use. ABSOLUTELY CONTRAINDICATED IN PREGNANCY.

Keep away from children and individuals with epilepsy. Use only in well-ventilated areas at low dilution.

Keep away from heat and flame.

SECTION 16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

The information contained in this Material Safety Data Sheet is obtained from current and reliable sources.

The information contained herein is true and to the best of RV International's knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations.



+91 8937003005



www.rvorganica.com



info@rvorganica.com



Opp. Sudhanshu Ashram, Nimbri, Panipat, Haryana 132104