



# 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:** DILL SEED ESSENTIAL OIL (ANETHI OIL)

**BOTANICAL NAME:** Anethum graveolens

**COMMON NAMES:** Dill Oil / Anethi Oil / Sowa Oil / Shepu Oil / Shatapushpa Oil

**MOLECULAR FORMULA:** NOT APPLICABLE

**MOLECULAR WEIGHT:** NOT APPLICABLE

**CAS No.:** 8006-75-5

**FEMA No.:** 2382

**PHARMACOPOEIAL NAME:** Oleum Anethi — listed in various pharmacopoeias including Ayurvedic Pharmacopoeia of India

### 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
DILL SEED ESSENTIAL OIL (Anethi Oil)	8006-75-5	Not a hazardous substance

#### HAZARDOUS CLASSIFICATION: NOT A HAZARDOUS SUBSTANCE OR MIXTURE.

\*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Dill Seed essential oil (also known as Anethi Oil or Oleum Anethi) is steam distilled from the ripe dried seeds of Anethum graveolens — an aromatic annual herb in the Apiaceae (carrot/celery/parsley) family, widely cultivated across India, Europe, and the Mediterranean. The oil is dominated by carvone (a monocyclic monoterpene ketone) and limonene, giving it a characteristic fresh, spicy, warm, anise-like herbal aroma. In India, it is widely known as Sowa, Shepu, or Shatapushpa oil and has deep roots in Ayurvedic medicine. Note: Dill Seed oil is distinct from Dill Weed oil — seed oil is primarily carvone-dominant while the weed oil is more phellandrene-dominant.

### SECTION 3: HAZARD IDENTIFICATION

Dill Seed essential oil is considered low hazard under normal conditions of use.



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**Eye Contact:** May cause mild irritation upon direct contact

**Skin Contact:** Generally well-tolerated; carvone can cause mild sensitization in sensitive individuals — always dilute before use

**Inhalation:** No significant hazard under normal use conditions

**Ingestion:** NOT FOR INTERNAL USE as a cosmetic product

## SECTION 4: FIRST AID MEASURES

**Eyes:** Flush with plenty of water for 15 minutes. Seek medical attention if irritation persists.

**Skin:** Rinse with water and mild soap. Seek medical attention if irritation develops.

**Ingestion:** Drink water to dilute. Seek medical attention if large quantities ingested.

**Inhalation:** Remove to fresh air if vapour causes any discomfort.

## SECTION 5: FIRE AND EXPLOSION DATA

**Flash Point (Method Used):** >56°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. Cool containers exposed to flame with water.

**Unusual Fire & Explosion Hazards:** Not established

**Hazardous Decomposition Materials:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Avoid ingestion. Wear eye protection and gloves. Ventilate area well.

**Methods for Cleaning Up:** Eliminate all sources of ignition. Ventilate area. 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.

## SECTION 7: HANDLING AND STORAGE

**Safe Handling:** Avoid ingestion. Standard cosmetic handling practices apply. Always dilute before skin application. Carvone-rich oils should be used with caution during pregnancy.

**Storage Requirements:** Store in a cool, dark, dry, well-ventilated area away from heat and direct sunlight. Keep tightly sealed. Temperature below 25°C.

## SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

**Threshold Limit Value:** Not established

**Work Practice Controls:** Personal hygiene is an important work practice exposure control measure.



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- Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- Wash exposed skin promptly to remove accidental splashes or contact with this material.

**Respiratory:** Normal ventilation is adequate for typical use

**Ventilation:** Normal room ventilation is sufficient

**Eye:** Wear safety glasses for industrial handling

**Skin:** Gloves recommended for industrial handling

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, Oil

**Color:** Colorless to Pale Yellow

**Odor:** Characteristic fresh, spicy, warm, anise-like, herbal dill seed scent

**Vapor Pressure (mmHg.):** Not available

**Flash Point:** >56°C (Closed Cup)

**Boiling Point:** Not available

**Melting Point:** NA

**Density @25°C:** 0.904

**Refractive Index @25°C:** 1.484

**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, heat, and direct sunlight.

**Hazardous Decomposition By-products:** Smoke and unidentified organic compounds may be formed during combustion.

**Hazardous Polymerization:** Will Not Occur

## SECTION 11: TOXICOLOGICAL INFORMATION

**Dill Seed essential oil is generally safe for topical cosmetic use when properly diluted.**

**Irritancy:** Low irritancy when diluted

**Sensitization:** Carvone may cause sensitization in individuals sensitive to spearmint or other carvone-containing oils; patch test recommended



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**Carvone Note:** Individuals sensitive to spearmint or caraway (both carvone-rich) should patch test before use

**Apiaceae Family:** Belongs to the Apiaceae family — individuals with celery, carrot, anise, coriander, or fennel allergies should patch test

**Pregnancy Note:** Carvone-containing oils are traditionally used with caution during pregnancy — consult a doctor before use

**Health Hazards:** Low acute toxicity at normal cosmetic usage levels

**Eye Contact:** Mild irritant

Note: Dill Seed oil (Anethi Oil) is a traditional Ayurvedic and European medicinal essential oil with a long safe use history. It is distinct from Dill Weed oil. Always dilute before use. Conduct a patch test before use on sensitive skin. Use with caution during pregnancy.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** May be mildly toxic to aquatic life — dispose of responsibly.

## SECTION 13: DISPOSAL CONSIDERATION

**Waste Disposal Methods:** Dispose of according to local, state and federal regulations.

## SECTION 14: OTHER REGULATORY INFORMATION

**CAS NO:** 8006-75-5

**FEMA No.:** 2382

**Pharmacopoeial Name:** Oleum Anethi — Ayurvedic Pharmacopoeia of India

**Hazards:** Low hazard — mild irritant; carvone sensitization note

**Apiaceae Family:** Patch test for celery, carrot, anise, coriander, or fennel allergies

**Pregnancy Note:** Carvone-containing oil — use with caution during pregnancy

**Risk Phrases:** Mildly irritating to eyes. Carvone may sensitize in sensitive individuals. Apiaceae family — patch test advised.

**Safety Phrases:** Dilute before use. Conduct patch test before use. Keep out of reach of children. Use with caution during pregnancy — consult a doctor.

## 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.



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