



# 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:** SIBERIAN FIR NEEDLE ESSENTIAL OIL

**BOTANICAL NAME:** Abies sibirica

**COMMON NAMES:** Siberian Fir Oil / Russian Fir Needle Oil / Pichtol Oil

**MOLECULAR FORMULA:** NOT APPLICABLE

**MOLECULAR WEIGHT:** NOT APPLICABLE

**CAS No.:** 8021-29-2

**FEMA No.:** 2905

### 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
SIBERIAN FIR NEEDLE ESSENTIAL OIL	8021-29-2	Not a hazardous substance

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

\*PERSONAL CARE, COSMETIC & AROMATHERAPY PURPOSE. Siberian Fir Needle essential oil is steam distilled from the needles (leaves) and young twigs of Abies sibirica — a majestic conifer native to the vast boreal forests of Siberia and northern Russia. Dominated by bornyl acetate and borneol, it has a distinctively fresh, crisp, deep forest aroma with sweet balsamic-woody undertones. It is widely used in respiratory aromatherapy, spa products, men's grooming, and natural perfumery.

### SECTION 3: HAZARD IDENTIFICATION

Siberian Fir Needle essential oil is considered low-to-moderate hazard under normal conditions of use.

**Eye Contact:** Irritant — avoid direct contact with eyes

**Skin Contact:** May cause moderate irritation when used undiluted — always dilute before skin application

**Inhalation:** Fresh forest vapors — use in well-ventilated areas; avoid direct concentrated inhalation



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**Ingestion:** Not for internal consumption 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:** Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.

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

**Inhalation:** Remove to fresh air. Seek medical attention if respiratory symptoms develop.

## SECTION 5: FIRE AND EXPLOSION DATA

**Flash Point (Method Used):** >38°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:** Low flash point — keep away from all heat sources and open flame

**Hazardous Decomposition Materials:** None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Avoid ingestion. Wear eye protection and gloves. Ventilate area well. Eliminate all ignition sources.

**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. Always dilute before skin application. Keep away from heat and open flame — relatively low flash point. Avoid use on face of infants and young children.

**Storage Requirements:** Store in a cool, dark, dry, well-ventilated area away from heat sources and direct sunlight. Keep tightly sealed. Conifer oils oxidise relatively quickly — use within 1–2 years of opening. 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.

- Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.



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- 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:** Avoid direct or concentrated inhalation — use in well-ventilated spaces

**Ventilation:** Local mechanical exhaust recommended; always use in well-ventilated areas

**Eye:** Wear safety glasses

**Skin:** Wear chemical resistant gloves when handling undiluted

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, Oil

**Color:** Colorless to Pale Yellow

**Odor:** Characteristic fresh, crisp, deep forest, balsamic-woody Siberian fir scent

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

**Flash Point:** >38°C (Closed Cup) — relatively low flash point for conifer oils

**Boiling Point:** Not available

**Melting Point:** NA

**Density @25°C:** 0.904

**Refractive Index @25°C:** 1.472

**Solubility in Water:** Insoluble

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions; conifer oils oxidise more quickly than many essential oils — store correctly and use within shelf life

**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

**Siberian Fir Needle essential oil is generally safe for topical use when properly diluted.**

**Irritancy:** Moderate irritant when used undiluted — always dilute before skin use

**Sensitization:** May cause sensitization in sensitive individuals — patch test recommended; particularly for those with pine/conifer allergies

**Conifer Allergy Note:** Individuals with known pine or conifer allergies should conduct a thorough patch test before use



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

**Eye Contact:** Moderate irritant

Note: Siberian Fir oil is a classic forest essential oil with excellent respiratory and muscle-ease aromatherapy properties. Conifer oils can become more irritating and sensitizing as they oxidise — always use within the recommended shelf life and store correctly. Dilute thoroughly. Conduct a patch test before use. Not recommended during pregnancy.

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity:** May be toxic to aquatic life — dispose of responsibly. Sustainably harvested from managed Siberian forests.

## 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:** 8021-29-2

**FEMA No.:** 2905

**Hazards:** Moderate irritant when undiluted; low flash point

**Conifer Allergy Note:** Patch test for individuals with pine or conifer allergies

**Risk Phrases:** Irritating to eyes and skin when undiluted. May cause sensitization. Low flash point — keep away from ignition sources. May oxidise on prolonged storage.

**Safety Phrases:** Always dilute before use. Avoid contact with eyes. Keep away from heat and flame. Use within recommended shelf life. Not recommended during pregnancy. Keep out of reach of children.

## 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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