

# Snowdrift Farm

## Material Safety Data Sheet

### Siberian Fir Essential Oil

For Professional Use Only

#### General Information

Item Name: SIBERIAN FIR Essential oil

Company's Name: Snowdrift Farm Natural Products

Company's Address: 2750 South 4th Ave # 107 Tucson, AZ USA 85713

Unit 8 Bond Industrial Estate, Wickhamford, Evesham, Worcestershire, UK WR11 6RT

Company's Phone #: US 520-407-8370 UK 01386 834854

Date MSDS Prepared: 12 OCTOBER 2001.

Type of Container: Bottle

#### Ingredients/Identity Information

Ingredient: Siberian fir needle oil. Volatile odor from fresh leaves of *Abies sibirica*. Since this is a natural steam distilled essential oil prepared from *Abies sibirica*, exact contents of the minor components may vary. About 40% esters calculated as bornyl acetate; pinene; camphene, dipentene, and phellandrene.

CAS Number: 8021-29-2

ACGIH TLV: NOT ESTABLISHED

#### Physical/Chemical Characteristics

Appearance and Odor: Colorless or pale yellow liquid; aromatic odor; pungent taste. Rich balsamic scent. Blend with rosemary, citrus and lavender.

Vapor Pressure (MM Hg/70 F): Unknown

Vapor Density (Air=1): N/A

Specific Gravity: 0.89

Evaporation Rate: N/A

Solubility in Water: NONE

Percent Volatiles by Volume: 100 %

#### Fire and Explosion Hazard Data

Flash Point: Greater than 156 F

Lower Explosive Limit: UNKNOWN

Upper Explosive Limit: UNKNOWN

Extinguishing Media: DRY POWDER

Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: NOT ESTABLISHED

#### Reactivity Data

Conditions to Avoid (Stability): NOT APPLICABLE

Materials to Avoid: OXIDIZING ACIDS (i.e. Sulfuric Acid, Nitric Acid)

Hazardous Decomposition Products: NONE

Can Hazardous Polymerization Occur: NO

Steps if Material is Released/Spill: ABSORB USING SAND OR CAT LITTER AND RECOVER IT INTO A CONTAINER WASH AREA WITH HOT SOAPY WATER.

Waste Disposal Method: DISPOSE OF AS NORMAL SOLIDS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: KEEP CONTAINER CLOSED. MAINTAIN STANDARD HYGIENE FOR FOOD CHEMICAL HANDLING

#### Control Measures

Respiratory Protection: USE A SUITABLE RESPIRATOR TO CLEAN UP SPILLED PRODUCT.

Ventilation: MECHANICAL EXHAUST THAT PROVIDES ADEQUATE VENTILATION WHEN HEATING CONCENTRATED PRODUCT

Protective Gloves: ALWAYS WEAR GLOVES TO HANDLE CONCENTRATE. TYPE AS REQUIRED FOR TASK

Eye Protection: SAFETY / CHEMICAL GOGGLES

Other Protective Equipment: AS REQUIRED TO PREVENT PROLONGED SKIN CONTACT.

#### Transportation Data

DOT Proper Shipping Name: NOT REGULATED, Ships as a food stuff, not to be loaded with incompatible materials including poisons.

#### Disposal Data

NOT REGULATED AS A RCRA HAZARDOUS WASTE BY THE FEDERAL EPA, BUT MAY BE REGULATED IN CERTAIN STATES. THIS IS A FOOD GRADE PRODUCT FOR INDUSTRIAL AND PROFESSIONAL USE ONLY.

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