

Snowdrift Farm

Material Safety Data Sheet

Clove Bud Essential Oil
For Professional Use Only

General Information

Item Name: CLOVE BUD Essential Oil
Company's Name: Snowdrift Farm Natural Products 3759 N Romero Rd. # 141, Tucson AZ 85705
Company's Emergency Phone #: 520-407-8370
Date MSDS Prepared: 05 October 2000
Container Qty: 1.0LB or 8 oz.
Type of Container: Bottle

Ingredients/Identity Information

Ingredient: Since this is a natural steam distilled essential oil prepared from the dried flower buds of *Syzygium aromaticum*, exact contents of the minor components may vary. 82-87% eugenol; including about 10% acetyleugenol; caryophyllene, small quantities of furfural, vanillin, and methyl amyl ketone.
CAS Number: 8015-98-2
ACGIH TLV: NOT ESTABLISHED

Physical/Chemical Characteristics

Appearance and Odor: Colorless to pale yellow liquid; becoming darker and thicker with age. Sweet spicy odor. Blend with lavender, clary sage, bay and ylang ylang.
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

Health Hazard Data

Signs/Symptoms of Overexposure: MAY CAUSE MILD SKIN & EYE IRRITATION. **FIRST AID SKIN:** WASH WITH SOAP & WATER. RINSE WITH PLENTY OF WATER **LUNGS:** MOVE TO FRESH AIR. SEEK MEDICAL CARE **EYES:** FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. SEEK MEDICAL CARE **SEEK MEDICAL CARE IF SKIN IRRITATION PERSISTS.**

Precautions for Safe Handling and Use

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.