

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Material Name:** Farnesol.  
**Catalogue Number:** C099.  
**Other Names:** 3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol  
**Recommended Use:** -

**Supplier Name:** ProSciTech  
**Street Address:** 1/11 Carlton Street, Kirwan, Qld. 4817 Australia  
**Telephone Number:** (07) 4773 9444 **Fax Number:** (07) 4773 2244  
**Emergency Contact:** (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

### SECTION 2 - HAZARDS IDENTIFICATION

**Hazard Classification:** Not classified as hazardous according to criteria of NOHSC.  
**Hazardous and/or Dangerous Nature:** NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.  
**Risk Phrases:**  
**Safety Phrases:**

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE:**      **Chemical Identity:** Farnesol  
                           **Common Name(s):** 3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol  
                           **CAS Number(s):** 4602-84-0

**MIXTURE:**

Ingredients	Cas Number(s)	Proportion (%)
3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol	4602-84-0	100

### SECTION 4 - FIRST AID MEASURES

**Swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water.  
**Eye:** Flush eyes with water as a precaution.  
**Skin:** Wash off with soap and plenty of water.  
**Inhaled:** If breathed in, move person into fresh air. If not breathing give artificial respiration.  
**First Aid Facilities:** Eyebath/eyewash & Safety shower.  
**Medical Attention & Special Treatment:**

ADDITIONAL INFORMATION:

### SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:**  
 Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
**Hazards from Combustion Products:**  
 Hazardous decomposition products formed under fire conditions. - Carbon oxides  
**Precautions for Fire Fighters:**  
 Wear self contained breathing apparatus for firefighting if necessary.  
**Hazchem Code:**

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:**  
 Avoid breathing vapors, mist or gas.  
**Containment and clean up:**  
 Do not let product enter drains. Keep in suitable, closed containers for disposal.

### SECTION 7 - HANDLING & STORAGE

**Precautions for Safe Handling:**  
 Normal measures for preventive fire protection.  
**Conditions for Safe Storage:**  
 Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Light sensitive.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards:** No exposure standard allocated.

**Biological Limit Values:** No biological limit allocated.

**Engineering Controls:**

Use in a well ventilated area.

**Personal Protective Equipment:**

Respiratory protection:

Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection, for prolonged or repeated contact use protective gloves.

Eye protection use safety glasses.

Hygiene measures: General industrial hygiene practice.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Clear to light yellow liquid.

**Odour:** Not available.

**pH:** Not available.

**Vapour pressure (mm of Hg at 25°C):** Not available.

**Vapour density:** 0.886 g/mL at 20°C.

**Boiling point/range (°C):** 149°C at 5 hPa – lit.

**Freezing/melting point (°C):** Not available.

**Solubility:** Not available.

**Specific gravity or density:** Not available.

**Flash Point:** 155°C – closed cup.

**Flammable (explosive) limits:** Not available.

**Ignition temperature:** Not available.

**Additional Information:**

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use.

**Conditions to avoid:** Keep away from incompatible materials.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Hazardous decomposition products formed under fire conditions. - Carbon oxides

**Hazardous Reactions:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

**Exposure and Health Effects:**

**Ingestion:**

May be harmful if swallowed.

**Inhalation:**

May be harmful if inhaled. May cause respiratory tract irritation.

**Skin Contact:**

May be harmful if absorbed through skin. May cause skin irritation.

**Eye Contact:**

May cause eye irritation.

**Human/Animal data:** LD50 Oral - rat - 6,000 mg/kg  
Behavioral: Somnolence (general depressed activity). Behavioral: Antipsychotic.

**Carcinogenicity:** No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:**

Toxicity to fish:

LC50 - Oncorhynchus mykiss (rainbow trout) - 1.8 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates:

EC50 - Daphnia magna (Water flea) - 2.2 mg/l - 48 h

**Persistence and degradability:** Not available.

**Mobility:** Not available.

**Additional Information:**

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

**Disposal Methods:**

Observe all federal, state, and local environmental regulations. Dispose of the container packaging as an unused product.

**Special Precautions:**

### **SECTION 14 - TRANSPORT INFORMATION**

**UN Number:** Not regulated.

**UN Proper Shipping Name:** Not regulated.

**Class and Subsidiary risk:** Not regulated.

**Packing Group:** Not regulated.

**Special Precautions for User:** Not available.

**Hazchem Code:** Not regulated.

### **SECTION 15 - REGULATORY INFORMATION**

**Poison Schedule Number:** None allocated.

### **SECTION 16 - OTHER INFORMATION**

Date of preparation of MSDS: January 10

Comments:

The information published in this Material Safety Data Sheet has been compiled from data in various technical publications. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. We reserve the right to revise material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.