



**Hangzhou Tianlong Biotechnology Co., Ltd.**

Add: Room 1906, Fengqi Times Tower, No.338, Fengqi East Road, Hangzhou, Zhejiang, China.

## MATERIAL SAFETY DATA SHEET

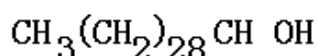
### 1. Chemical Product and company Identification

Product Name: Triacontanol

Molecular Formula: C<sub>30</sub>H<sub>61</sub>OH

Molecular Weight: 438.82

Structural Formula:



Chemical Name: Melissyl alcohol; 1-Hydroxytriacontane; Triacon-10

CAS No.: 593-50-0

Supplier: HANZHOU TIANLONG BIOTECHNOLOGY CO., LTD

Address: Room 1906, Fengqi Times Tower, No.338 Fengqi East Road, Hangzhou, China, 310020

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### 2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Triacontanol	593-50-0	85.0
Other ingredients		15.0

### 3. Hazards Identification

Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

### 4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

#### **5. Fire-Fighting Measures**

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media: Use agent most appropriate to extinguish fire.

#### **6. Accidental Release Measures**

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section.

#### **7. Handling And Storage**

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage: Store in a cool, dry place. Keep container closed when not in use.

#### **8. Exposure Controls / Personal Protection**

Engineering Controls: Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protective Equipment

Eyes: Wear chemical goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin..

#### **9. Physical and Chemical Properties**

Form: Crystals

Color: White

Odor: Odorless

pH: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Melting Point: 86.5-87.5°C

Decomposition Temperature: Not available.

Solubility: Hardly soluble in water, 10mg/L under normal temperature

Specific Gravity/Density: 0.777g/ml

#### **10. Stability And Reactivity**

Chemical Stability: Stable under normal temperatures and pressures.  
Conditions to Avoid: Strong oxidants.  
Incompatibilities with Other Materials: Not available.  
Hazardous Decomposition Products: Irritating and toxic fumes and gases.  
Hazardous Polymerization: Not available.

#### **11. Toxicological Information**

Acute oral LD<sub>50</sub>, female mouse 1.5g/Kg, male mouse 8g/Kg.  
Teratogenicity: No data available.  
Reproductive Effects: No data available.  
Neurotoxicity: No data available.  
Mutagenicity: No data available.  
Other Studies: No data available.

#### **12. Ecological Information**

Environmental Fate: No information found.  
Environmental Toxicity: No information found.

#### **13. Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

#### **14. Transport Information**

Not dangerous good

#### **15. Regulatory Information**

Safe phrase: Keep locked up and out of reach children.  
Keep away from food, drink and animal feeding stuffs.  
Do not breathe vapour/spray.  
Avoid contact with skin and eyes.  
Wear suitable protective clothing, gloves and eye/face protection.  
Avoid release to the environment.

#### **16. Other Information**

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.  
If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.  
Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.