

Muscone: sc-200528



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 : Substance Identification

Product Name: Muscone
Catalog Number: sc-200528
CAS Number: 541-91-3
Chem Formula: C₁₆H₃₀O
Chem Name: 3-Methyl-1-cyclopentadecanone
Chem Class: Cyclic Ketone
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2 : Health Hazard Data

Acute Health Effects: This compound is not currently believed to present any significant health risk. However, the toxicological properties of this compound have not been fully investigated. Exercise appropriate precautions to prevent opportunities for inhalation, and to prevent direct contact with skin and eyes. All incompletely characterized chemicals should be treated as suspected toxins.

Chronic Health Effects: Unknown

Section 3 : First Aid Measures

Eye Contact: Check for and remove contact lenses. Flush eyes with running water for at least 15 minutes separating eyelids. **Seek medical attention immediately.**

Skin Contact: Wash with soap and water for 15 minutes. Remove contaminated clothing and shoes.

Inhalation: Remove from exposure. If breathing is difficult, administer oxygen. If breathing stops, administer artificial respiration. **Seek medical attention immediately.** Provide chemical label and MSDS if possible.

Ingestion: Remove dentures and clear mouth. If person is conscious, rinse mouth with water. **Call physician or poison control immediately.** Provide chemical label and MSDS information if possible.

Section 4 : Fire and Explosion Data

Flammability: Flammable

Flash Point: >93°C

Combustion Products: Unknown

Extinguishing Media: Carbon Dioxide, Dry chemical powder, polymer foam

Special Firefighting Procedures: Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire/Explosion Hazards: None known

Section 5 : Spill or Leak Procedures

Cleanup Procedures: **EVACUATE AREA** Wearing appropriate protective gear as outlined under "Protective equipment" wipe up spill and place in sealed container and hold for disposal. Ventilate the area and wash spill site after material has been removed.

Waste Disposal Method: Observe all Federal, State and Local regulations concerning the disposal of this product.

Section 6 : Storage and Handling Precautions

Protective Equipment: For spill clean up, wear suitable protective clothing, chemical resistant rubber gloves, rubber boots, and chemical safety goggles. Self contained breathing apparatus or NIOSH/MSHA approved respirator is not necessary unless ventilation is compromised.

Storage and Handling: This product should be stored at room temperature. It should be kept in a tightly closed container. This product should be handled only by qualified experienced professionals. Wash thoroughly after handling this material.

Section 7 : Physical Data

Appearance:	Clear viscous oil
Odor:	Pleasant musky fragrance
Molecular Weight:	238.4
Taste:	Not Available
Boiling Point:	200°C (@ 760 mm Hg)
Melting Point:	Not Available
Solubility:	Ethanol, Acetone
Vapor Density:	>1 (air = 1)
Specific Gravity:	0.92
Vapor Pressure:	~0.01 (@ 20°C)
Volatility:	Not Available

Section 8 : Stability and Reactivity Data

Stability:	This material is stable if stored as directed
Conditions to Avoid:	None known
Incompatibles:	Strong oxidizing agents

Section 9 : Toxicity Data

RTECS#:	Not Available
Oral LD50:	Rat : 5010mg/kg

Section 10 : Ecological Data

Ecotoxicological Information: None Available

Section 11 : Other Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

12/17/2010