

# 2,4-Diacetylphloroglucinol: sc-206518



The Power to Question

## MATERIAL SAFETY DATA SHEET

---

### Section 1 - General Information

**Chemical Name:**

2,4-Diacetylphloroglucinol

**CAS Reg. Number:**

2161-86-6

**Catalog Number:**

sc-206518

**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 - Hazardous Ingredients/Identity Information

The toxicological effects have not been thoroughly tested. Exercise due care !

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Appearance and Odor:**

solid

**Vapor Pressure:**

N/A

**Specific Gravity(H<sub>2</sub>O=1):**

N/A

**Solubility in Water:**

Yes

**Melting Point:**

166-167°C

**Evaporation Rate (ButylAcetate=1):**

N/A

**Vapor Density:**

N/A

### Section 4 - Reactive Data

**Stability:**

stable

**Incompatibility (Materials to Avoid):**

Acid chloridesacid anhydridesbases oxidizing agents

**Conditions to Avoid:**

N/A

**Hazardous Decomposition or Byproducts:**

toxic fumes of carbon monoxide, carbon dioxide,

**Hazardous Polymerization:**

Will not occur

### Section 5 - Control Measures

**Respiratory Protection:**

Niosh/Msha approved respirator

**Ventilation:**

Hood

**Protective Gloves:**

chemical resistant gloves

**Eye Protection:**

chemical safety goggles

**Other Protective Clothing:**

lab coat or apron

**Other Protection:**

safety shower and eye bath

**Section 6 - First Aid Measures****Inhalation:**

If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen in a non-flammable area.

**Skin:**

In case of contact, immediately wash skin with copious amounts of soap and water for 15 minutes. Wash contaminated clothing before reuse.

**Ingestion:**

If swallowed, rinse mouth out with water provided the person is conscious. Call a Physician.

**Eyes:**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes, separating the eyelids with fingers.

**Section 7 - Health Hazard Data****Health Hazards (Acute and Chronic):**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care. ROUTE OF EXPOSURE Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. Ingestion: May be harmful if swallowed.

**Medical Conditions Generally Aggravated by Exposure:**

The toxicological properties have not been thoroughly tested Exercise due care.

**Section 8 - Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled:**

Ventilate area and wash spill site after material pickup is complete. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Evacuate the area.

**Waste Disposal Method:**

dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

**Precautions to Be Taken in Handling and Storage:**

Wear appropriate chemical resistant gloves & safety glasses. Use only in chemical fume hood. Store in freezer at -20°C

**Section 9 - Fire and Explosion Hazard Data****Extinguishing Media:**

water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards:**

emits toxic fumes under fire conditions.

**Section 10 - Transportation Information and regulatory information**

DOT Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport. IATA Non-Hazardous for Air Transport: Non-hazardous for air transport.

***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.***

06/15/2010