

# 3,5-Dimethoxythiophenol: sc-206710



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### Section 1 – Chemical Product and Company Identification

**Product Name:** 3,5-Dimethoxythiophenol  
**Catalog Number:** sc-206710  
**CAS Number:** 19689-66-8  
**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 properties of this compound have not been thoroughly tested: exercise due care.

### Section 3 – Physical/Chemical Characteristics

**Appearance and Odour:** Clear viscous oil, stench  
**Boiling Point:** 111° C / 0.1mmHg  
**Vapor Pressure:** No data available  
**Specific Gravity(H<sub>2</sub>O=1):** No data available  
**Solubility in Water:** Not soluble  
**Melting Point:** N/A  
**Vapor Density:** No data available  
**Molecular Formula:** C<sub>8</sub>H<sub>10</sub>O<sub>2</sub>S  
**Molecular Weight:** 170.23

### Section 4 – Stability and Reactivity Data

**Stability:** Stable under recommended conditions.  
**Materials to Avoid:** Strong oxidizing agents  
**Conditions to Avoid:** Air  
**Hazardous Decomposition or By products:** Toxic fumes of carbon and sulphur oxides  
**Hazardous Polymerization:** Will not occur

### Section 5 – Control Measures

**Respiratory Protection:** NIOSH/MSHA approved respirator  
**Ventilation:** Hood  
**Hand Protection:** Chemical resistant gloves  
**Eye Protection:** Safety goggles  
**Other Protective Clothing:** Lab coat or apron  
**Other Protection:** eye wash and shower

### Section 6 – First Aid Measures

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult physician.  
**Skin:** In case of contact, immediately flush eyes or skin with copious amount of water for at least 15 minutes while removing contaminated clothing and shoes. Consult physician.

**Ingestion:** Wash out mouth with water provided person is conscious. Call a physician immediately.

**Eyes:** In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. Consult physician.

## **Section 7 – Health Hazard Data**

**Health Hazards (Acute and Chronic):** No data available

## **Section 8 – Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled:** Wear appropriate chemical resistant protective equipment. Soak with inert absorbent material and dispose as hazardous waste.

**Waste Disposal Method:** Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.

**Precautions to Be Taken in Handling and Storage:** Avoid contact & inhalation. Keep tightly closed. Avoid air exposure. Store at -20° C.

## **Section 9 – Fire and Explosion Hazard Data**

**Extinguishing Media:** Carbon dioxide, dry chemical powder or appropriate foam.

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus and protective clothing to prevent contact with skins and eyes.

**Unusual Fire and Explosion Hazards:** emits toxic fumes under fire conditions; container explosion may occur under fire conditions.

## **Section 10 – Transportation Information and regulatory information**

**DOT**

**Proper Shipping Name:** 3,5-Dimethoxythiophenol

**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.

## **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.*

11/12/2010