

# 5-Amino-1-methylpyrazole: sc-210266



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### Section 1 - General Information

**Chemical Name:**

5-Amino-1-methylpyrazole

**CAS Reg. Number:**

1192-21-8

**Catalog Number:**

sc-210266

**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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Form:**

Solid

**Vapor Pressure:**

N/A

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

N/A

**Molecular Formula:**

C<sub>4</sub>H<sub>7</sub>N<sub>3</sub>

**Solubility in Water:**

N/A

**Melting Point:**

71-72°C

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

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

97.12

### Section 4 - Reactive Data

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Strong oxidizers

**Conditions to Avoid:**

Strong oxidizers

**Hazardous Decomposition or Byproducts:**

Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides

**Hazardous Polymerization:**

Will not occur

## ***Section 5 - Control Measures***

### **Respiratory Protection:**

Niosh/Msha approved respirator

### **Protective Gloves:**

Chemical resistant gloves

### **Other Protective Clothing:**

Lab coat or apron

### **Ventilation:**

Hood

### **Eye Protection:**

Chemical safety goggles

### **Other Protection:**

Safety shower and eye bath

## ***Section 6 - First Aid Measures***

### **Inhalation:**

Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen.

### **Skin:**

Rinse with copious amounts of water for 15 min, remove contaminated clothing and shoes.

### **Ingestion:**

Rinse mouth out with water provide the person is conscious. Seek medical attention.

### **Eyes:**

Flush eyes with copious amounts of water 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 investigated

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

### **Steps to be Taken in Case Material is Released or Spilled:**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### **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:**

Avoid prolonged or repeated exposure. Keep tightly closed. Store in a cool dry place. Store at room temperature.

## ***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**

UN number: 1993 Class: 3

Packing group: III

Proper Shipping Name: Flammable liquids, n.o.s

Hazard Label: Flammable liquid

PIH: Not PIH

**IATA**

Proper Shipping Name: Flammable liquid, n.o.s.

***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.***

8/25/2011