

# 5-Methyl-2H-[1,2,4]triazole-3-carboxylic acid: sc-318861



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** 5-Methyl-2H-[1,2,4]triazole-3-carboxylic acid  
**Product Number:** sc-318861  
**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

### 2. HAZARD IDENTIFICATION

#### Emergency Overview

Irritant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms:** 3-methyl-1H-1,2,4-triazole-5-carboxylic acid  
**Formula:** C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>O<sub>2</sub>  
**Chemical Weight:** 127.10  
**CAS #:** 7169-98-4

### 4. FIRST AID MEASURES

#### General Advice

Avoid prolonged exposure. Do not breathe vapor. Use caution when handling. Exposure to any chemical should be limited. To the best of our knowledge, the health hazards of this product have not been fully investigated.

#### If inhaled

Remove the victim from the source of exposure to fresh, uncontaminated air. If victim's breathing is difficult, administer oxygen. Seek medical attention.

#### In case of skin contact

After contact with skin, wash with generous quantities of running water. Gently and thoroughly wash affected area with running water and non-abrasive soap. Cool water may be used. Cover the affected area with emollient. Seek medical attention. Wash any contaminated clothing prior to reusing.

#### In case of eye contact

Check for and remove any contact lenses. Immediately flush eyes with clean, running water for at least 15 minutes while keeping eyes open. Cool water may be used. Seek medical attention.

#### If swallowed

Do NOT induce vomiting. Give water to victim to drink. Seek medical attention.

### 5. FIREFIGHTING MEASURES

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, alcohol or polymer foam.

#### Hazardous Combustion Products

Emits toxic fumes under fire conditions.

#### Special Firefighting Procedures

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

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions

Wear appropriate respirator, impervious boots and heavy rubber (or otherwise impervious) gloves. After contact with skin, wash immediately.

### Materials and Methods for Containment and Cleanup

Scoop up solid material or absorb liquid material and place into appropriate container. Ventilate area and wash affected spill area after pickup is complete. Wash skin immediately with plenty of water. Place solid or absorbed material into containers and close for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Do not breathe dust or vapor. Have safety shower and eye wash available. Do not get in eyes, on skin or on clothing. Keep container tightly closed. Ensure adequate ventilation during use. Use only in a chemical fume hood.

### Conditions for Safe Storage

Store in a cool, dry, well-ventilated place. Store at room temperature.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal Protective Equipment

#### Hand protection

Wear chemical-resistant gloves.

#### Skin and body protection

Wear protective clothing and chemical resistant boots.

#### Eye protection

Wear Protective safety goggles.

#### Engineering controls

Ensure ventilation during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid

## 10. STABILITY AND REACTIVITY

### Incompatible Materials

Strong oxidizing agents. Strong acids and bases.

### Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, and oxides of nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### Acute Effects

Irritant

### Potential Health Effects

**Inhalation** May be harmful by ingestion.

**Ingestion** May be harmful by inhalation. Material is irritating to mucous membranes and upper respiratory tract.

### Signs and Symptoms of Exposure

To the best of our knowledge, the toxicological properties of this product have not been fully investigated or determined.

## 12. ECOLOGICAL INFORMATION

### Bioaccumulative potential

no data available

### Persistence and degradability

no data available

### Mobility in soil

no data available

### Other adverse effects

no data available

### 13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local laws. Absent other actions demanded by federal or local regulations - Dissolve or mix the material with a combustible solvent and burn in a regulated, chemical incinerator equipped with after burner and scrubber.

### 14. TRANSPORT INFORMATION

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 15. REGULATORY INFORMATION

Adhere to all Federal, State and local regulations.

### 16. 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.*

09/26/2013