

# (2-Methoxyphenyl)oxo-acetonitrile: sc-288197



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** (2-Methoxyphenyl)oxo-acetonitrile

**Product Number:** sc-288197

**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. COMPOSITION, INFORMATION ON INGREDIENTS

**Synonyms:** 2-Methoxybenzoyl cyanide

**Molecular Formula:** C<sub>9</sub>H<sub>7</sub>NO<sub>2</sub>

**Molecular Weight:** 161.16

**CAS Number:** 72371-46-1

### 3. HAZARDS IDENTIFICATION / EMERGENCY OVERVIEW

**Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Acute toxicity, Oral (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

**Label elements**

**Labeling according Regulation (EC) No 1272/2008 [CLP]**

Pictogram



Signal word

Warning

**Hazard statement(s)**

H302

Harmful if swallowed.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

**Precautionary statement(s)**

P261

Avoid breathing dust.

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Supplemental Hazard Statements**

None

According to European Directive 67/548/EEC as amended  
Hazard symbol(s)



**R-phrases(s)**

R22

Harmful if swallowed.

R36/37/38

Irritating to eyes, respiratory system and skin.

**S-phrases(s)**

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37

Wear suitable protective clothing and gloves.

**Other hazards**

None

#### 4. FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.

**Ingestion:** Get medical aid. Wash mouth out with water.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

#### 5. FIRE FIGHTING MEASURES

**General Information:** As in any fire, wear a self-contained breathing apparatus and full protective gear.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide or chemical foam.

#### 6. ACCIDENTAL RELEASE MEASURES

**General Information:** Use proper personal protective equipment.

**Spills/Leaks:** Vacuum or sweep up material and place into suitable disposal container. Avoid generating dusty conditions.

#### 7. HANDLING AND STORAGE

**Handling:** Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes, skin.

**Storage:** Storage temperature: 4 °C and Keep container tightly closed in a dry and well-ventilated place.

#### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

**Personal Protective Equipment**

**Eyes:** Wear chemical safety goggles.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Wear appropriate respirators where necessary.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	272.9 °C at 760 mmHg	Melting Point	No data available.
Solubility in water	Slightly soluble.	Vapor Pressure	No data available.
Vapor Density	No data available.	Form	Solid

#### 10. STABILITY AND REACTIVITY

**Chemical Stability:** This product is relatively unstable under normal temperature.

**Incompatibilities with Other Materials:** Strong oxidizing agents.

**Hazardous combustion or Decomposition products:** Carbon monoxide, carbon dioxide and nitrogen oxides.

## **11. TOXICOLOGICAL INFORMATION**

May be toxic by inhalation, in contact with skin and if swallowed.

## **12. ECOLOGICAL INFORMATION**

Not available.

## **13. DISPOSAL CONSIDERATIONS**

Dispose of in a manner consistent with federal, state, and local regulations.

## **14. TRANSPORT INFORMATION**

Not available.

## **15. REGULATORY INFORMATION**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Not available.

**Chemical Safety Assessment:**

Not available.

## **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.*

3/20/2014