

# 3-Methylpyrazine-2-carboxylic acid: sc-261070



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1: Product & Company Identification

**Product Name:** 3-Methylpyrazine-2-carboxylic acid  
**Catalog Number:** sc-261070  
**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: Hazards identification

**Classification of the substance or mixture**

**Classification under CHIP:** Xi: R36/37/38

**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315

**Most important adverse effects:** Irritating to eyes, respiratory system and skin.

**Label elements**

**Label elements under CLP:**

**Hazard statements:**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

**Signal words:** Warning

**Hazard pictograms:**

GHS07 Exclamation mark



**Precautionary statements:**

P261 Avoid breathing dust.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Label elements under CHIP:**

Hazard symbols Irritant.



**Risk phrases:**

R36/37/38 Irritating to eyes, respiratory system and skin.

**Safety phrases:**

S22 Do not breathe dust.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37/39 Wear suitable protective clothing, gloves and eye / face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Other hazards**

**PBT:** This substance is not identified as a PBT substance.

### Section 3: Composition/information on ingredients

**Substances**

**Chemical identity:** 3-METHYLPYRAZINE-2-CARBOXYLIC ACID

**CAS Number:** 41110-28-5

## Section 4: First aid measures

### Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### Most important symptoms and effects, both acute and delayed

<b>Skin contact</b>	There may be irritation and redness at the site of contact.
<b>Eye contact</b>	There may be irritation and redness. The eyes may water profusely.
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Indication of any immediate medical attention and special treatment needed:** Not determined.

## Section 5: Fire-fighting measures

**Extinguishing media:** Carbon dioxide, dry chemical powder, foam. Suitable extinguishing media for the surrounding fire should be used.

### Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes. Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.

### Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## Section 7: Handling and storage

### Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Only use in fume hood.

### Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### Control parameters

**Workplace exposure limits:** Not applicable.

### Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

State	Powder	Odor	Not known
Molecular Formula	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>	Molecular Weight	138.12
Evaporation rate	Not known	Oxidizing (by EC criteria)	Non-oxidizing
Solubility in water	Not known	Also soluble in	Not known
Viscosity	Not known	Boiling point/range°C	Not known
Melting point/range°C	Not known	Flash point°C	Not known
Part.coeff. n-octanol/water	Not known	Vapor pressure	Not known
Relative density	Not known	pH: not known VOC g/l	Not known

## Section 10: Stability and reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

**Chemical stability:** Stable under normal conditions.

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**Conditions to avoid:** Heat, 10.5. Incompatible materials

**Materials to avoid:** Strong oxidizing agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Nitrogen oxides (NO<sub>x</sub>).

## Section 11: Toxicological information

### Information on toxicological effects

#### Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Based on test data
Serious eye damage/irritation	OPT	Based on test data
STOT-single exposure	INH	Based on test data

#### Symptoms / routes of exposure

**Skin contact** There may be irritation and redness at the site of contact.  
**Eye contact** There may be irritation and redness. The eyes may water profusely.  
**Ingestion** There may be soreness and redness of the mouth and throat.  
**Inhalation** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

## Section 12: Ecological information

### Toxicity

**Ecotoxicity values:** Not applicable.

### Persistence and degradability

**Persistence and degradability:** No data available.

### Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### Mobility in soil

**Mobility:** No data available.

### Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

### Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### Waste treatment methods

**Disposal operations:** Material should be disposed of in accordance with local, state and federal regulations.

**Disposal of packaging:** Dispose of as special waste in compliance with local and national regulations. Observe all federal, state and local environmental regulations.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

**Chemical Safety Assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 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.*

4/2/2012