

# 1,3-Benzothiazole-2-carboxylic acid: sc-258928



The Power to Question

## MATERIAL SAFETY DATA SHEET

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### Section 1 – Chemical Product and Company Identification

**Product Name:** 1,3-Benzothiazole-2-carboxylic acid  
**Catalog Number:** sc-258928  
**Synonyms:** None Known.  
**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 – Composition, Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>EINECS/ELINCS</u>
1,3-Benzothiazole-2-carboxylic acid	3622-04-6	unlisted

### Section 3 – Hazards Identification

#### EMERGENCY OVERVIEW

Not available.

**Target Organs:** Respiratory system, eyes, skin.

#### Potential Health Effects

<b>Eye</b>	Causes eye irritation.
<b>Skin</b>	Causes skin irritation. May be harmful if absorbed through the skin.
<b>Ingestion</b>	Harmful if swallowed. May cause irritation of the digestive tract.
<b>Inhalation</b>	Causes respiratory tract irritation. May be harmful if inhaled.
<b>Chronic</b>	Not available.

### Section 4 – First Aid Measures

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes 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. Get medical aid.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5 – Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

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

**Flash Point:** Not available.

**Autoignition Temperature:** Not available.

#### Explosion Limits

**Lower:** Not available.

**Upper:** Not available.

**NFPA Rating:** Not published.

## Section 6 – Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

## Section 7 – Handling and Storage

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

**Storage:** Store in a cool, dry place. Store in a tightly closed container. Store at room temperature.

## Section 8 – Exposure Controls, Personal Protection

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

### Exposure Limits

**OSHA Vacated PELs:** 1,3-Benzothiazole-2-carboxylic acid: No OSHA Vacated PELs are listed for this chemical.

### Personal Protective Equipment

**Eyes:** Not available.

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

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

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## Section 9 – Physical and Chemical Properties

Physical State	Crystals	Odor	Not available
pH	Not available	Vapor Pressure	Not available
Vapor Density	Not available	Evaporation Rate	Not available
Viscosity	Not available	Boiling Point	Not available
Freezing/Melting Point	148° C	Decomposition Temperature	Not available
Solubility	Not available	Specific Gravity/Density	Not available
Molecular Formula	C8H5NO2S	Molecular Weight	179.20

## Section 10 – Stability and Reactivity

**Chemical Stability:** Not available.

**Conditions to Avoid:** Incompatible materials.

**Incompatibilities with Other Materials:** Oxidizing agents, reducing agents, bases.

**Hazardous Decomposition Products:** Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide.

**Hazardous Polymerization:** Has not been reported.

## Section 11 – Toxicological Information

<b>RTECS#</b>	Unlisted	<b>LD50/LC50</b>	Not available
<b>Epidemiology</b>	Not available	<b>Teratogenicity</b>	Not available
<b>Reproductive Effects</b>	Not available	<b>Mutagenicity</b>	Not available
<b>Neurotoxicity</b>	Not available	<b>Other Studies</b>	Not available

**Carcinogenicity:** CAS# 3622-04-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

## Section 12 – Ecological Information

No information available.

## Section 13 – Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**RCRA P-Series:** None listed.

**RCRA U-Series:** None listed.

## Section 14 – Transport Information

### US DOT Canada TDG

**Shipping Name:** Not regulated as a hazardous material No information available.

**Hazard Class:** Not available

**UN Number:** Not available

**Packing Group:** Not available

## Section 15 – Regulatory Information

### US FEDERAL

#### TSCA

CAS# 3622–04–6 is not listed on the TSCA inventory. It is for research and development use only.

#### Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

#### Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

#### Section 12b

None of the chemicals are listed under TSCA Section 12b.

#### TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

#### CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

#### SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

#### Section 313

No chemicals are reportable under Section 313.

#### Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

#### Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

#### OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

#### STATE

CAS# 3622–04–6 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

#### California Prop 65

**California No Significant Risk Level:** None of the chemicals in this product are listed.

#### European/International Regulations

#### European Labeling in Accordance with EC Directives

#### Hazard Symbols:

XN

#### Risk Phrases:

R 22

Harmful if swallowed.

R 36/37/38

Irritating to eyes, respiratory system and skin.

#### Safety Phrases:

S 26

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

S 36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

#### WGK (Water Danger/Protection)

CAS# 3622–04–6: No information available.

#### Canada – DSL/NDSL

None of the chemicals in this product are listed on the DSL or NDSL list.

**Canada – WHMIS**

**WHMIS:** Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian Ingredient Disclosure List**

Not available

**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.*

1/4/2012