



The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.

Revision date 16-Mar-2015

Version 1.2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** dl-Methylephedrine hydrochloride

**Product Code** SC-396250

**Recommended use** For research use only. Not intended for diagnostic or therapeutic use.

**Company**  
 Santa Cruz Biotechnology, Inc.  
 10410 Finnell Street  
 Dallas, TX 75220  
 831.457.3800  
 800.457.3801  
 scbt@scbt.com

**Emergency telephone number**  
 Chemtrec  
 1.800.424.9300 (Within USA)  
 +1.703.527.3887 (Outside USA)

## 2. HAZARDS IDENTIFICATION

**Emergency Overview** The product contains no substances which at their given concentration, are considered to be hazardous to health

**OSHA Regulatory Status** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Potential health effects**

Eyes May cause irritation.

Skin May be harmful in contact with skin.


Inhalation May be harmful if inhaled.

Ingestion HARMFUL IF SWALLOWED.

Chronic Toxicity No known effect.

**Hazards not otherwise classified (HNOC)**  
 Hazards not otherwise classified (HNOC) Not applicable

**Environmental Hazard** See Section 12: ECOLOGICAL INFORMATION.

<b>NFPA</b>	Health hazards	-		<b>HMIS</b>	Health hazards	2
	Flammability	-			Flammability	0
	Stability	-			Physical hazards	0
	Physical and chemical properties	-			Personal protection	-

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product Name** dl-Methylephedrine hydrochloride

**Molecular Weight** 215.72

**Formula** C<sub>11</sub>H<sub>17</sub>NO•HCl



## 4. FIRST AID MEASURES

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General advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin Contact	Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Remove to fresh air. Call a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.
Ingestion	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting.
Note to physicians	Treat symptomatically.
Self-protection of the first aider	Use personal protective equipment as required.

## 5. FIRE-FIGHTING MEASURES

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### Suitable Extinguishing Media

Suitable Extinguishing Media Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

### Specific hazards arising from the chemical

Flammable properties	Not determined.
Flash point °C	No information available
Hazardous combustion products	Carbon oxides. Nitrogen oxides (NO <sub>x</sub> ).

### Explosion data

Sensitivity to Mechanical Impact	No information available.
Sensitivity to Static Discharge	No information available.

### Protective equipment and precautions for firefighters

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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Personal precautions	Ensure adequate ventilation, especially in confined areas.
Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

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Advice on safe handling	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Corrosive hazard. Wear protective gloves/clothing and eye/face protection.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.



## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure controls

Engineering Controls	Showers Eyewash stations Ventilation systems
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### Personal protective equipment (PPE)

Eye/face protection	Tight sealing safety goggles.
Skin and Body Protection	Wear protective gloves and protective clothing.
Respiratory protection	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	Solid
Appearance	No information available
Odor	No information available

### Property

### Values

pH	No information available
Melting point/freezing point	208 °C
Boiling point	No information available
Flash point	No information available
Density	No information available
Evaporation rate	No information available
Upper flammability limits	No information available
Lower flammability limit	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

## 10. STABILITY AND REACTIVITY

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Reactivity	Not applicable
Stability	Stable under recommended storage conditions.
Incompatible materials	Incompatible with oxidizing agents.
Conditions to avoid	Heat, flames and sparks. Extremes of temperature and direct sunlight.
Hazardous Decomposition Products	Carbon oxides. Nitrogen oxides (NOx).
Hazardous polymerization	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

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### Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
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**Chronic Toxicity**

Target Organ Effects None known.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and degradability	No information available.
Bioaccumulation	No information available.

**13. DISPOSAL CONSIDERATIONS**

Disposal considerations	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Do not reuse container.

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

**15. REGULATORY INFORMATION****International Inventories**

**All of the components in the product are on the following Inventory lists** Europe (EINECS/ELINCS/NLP) Australia (AICS) South Korea (KECL):

*X - Listed**TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances***US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No



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Reactive hazard No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated by state right-to-know regulations

**Mexico Regulatory Information****Canada Regulatory Information**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class Non-controlled

**16. OTHER INFORMATION**

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**Revision date** 16-Mar-2015  
**Revision note** No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**