



The Power to Question

SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.

Revision date 29-Nov-2017

Version 1.2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Zotepine

Product Code SC-360895

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.

NFPA	Health hazards	2		HMIS	Health hazards	2
	Flammability	1			Flammability	1
	Stability	0			Physical hazards	0
	Physical and chemical properties	-			Personal protection	-

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name Zotepine
Molecular Weight 331.86
Formula C₁₈H₁₈CINOS



4. FIRST AID MEASURES

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

Suitable Extinguishing Media

Suitable Extinguishing Media Dry chemical, CO₂, water spray or alcohol-resistant foam.

Specific hazards arising from the chemical

Specific hazards arising from the chemical Thermal decomposition can lead to release of toxic/corrosive gases and vapors.

Flammable properties Not determined.

Flash point °C 243.2

Hazardous combustion products Hydrogen sulfide. Carbon oxides. Nitrogen oxides (NO_x). Phosgene.

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

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

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. Thermal decomposition can lead to release of toxic/corrosive gases and vapors.
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Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Physical State	Solid
Appearance	powder
Odor	No information available

Property

Values

pH	No information available
Melting point/freezing point	90 °C
Boiling point	478.4 °C
Flash point	243.2 °C
Density	1.27 g/cm ³
Evaporation rate	No information available
Upper flammability limits	No information available
Lower flammability limit	No information available
Vapor pressure	0 mmHg
Vapor density	No information available
Specific gravity	No information available
Water solubility	No information available
Solubility in other solvents	No information available
Partition coefficient	4.25
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

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	Hydrogen sulfide. Carbon oxides. Nitrogen oxides (NOx). Phosgene.
Hazardous polymerization	Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

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

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**DOT**

UN/ID no UN2811
 Hazard Class 6.1
 Packing Group III
 Proper shipping name Toxic solids, organic, n.o.s.
 Description UN2811, Toxic solids, organic, n.o.s., 6.1, III
 Emergency Response Guide Number 154

IATA

UN/ID no UN2811
 Hazard Class 6.1
 Packing Group III
 Proper shipping name Toxic solid, organic, n.o.s.
 Description UN2811, Toxic solid, organic, n.o.s., 6.1, III
 Special Provisions A3,A5

IMDG

UN/ID no UN2811
 Hazard Class 6.1
 Packing Group III
 Proper shipping name Toxic solid, organic, n.o.s.
 Description UN2811, Toxic solid, organic, n.o.s., 6.1, III
 EmS-No F-A, S-A

15. REGULATORY INFORMATION**International Inventories**

All of the components in the product are on the following Inventory lists No information available

X - Listed

