(1R,2S)-Cispentacin Hydrochloride: sc-208892

MATERIAL SAFETY DATA SHEET

Section 1 – Chemical Product and Company Identification

Product Name: (1R,2S)-Cispentacin Hydrochloride
Catalog Number: sc-208892
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

Chemical Name: **(1R,2S)-2-Amino-cyclopentanecarboxylic acid hydrochloride**
Purity: >98%
CAS #: 128110–37–2

Section 3 – Hazards Identification

Emergency Overview

The potential hazards of this compound have not been fully established

Potential Health Effects

Eyes: Not known
Skin: Not known
Ingestion: Not known
Inhalation: Not known
Chronic: Not known

Section 4 – First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion: Do not induce vomiting. Get medical aid immediately. Wash mouth out and gargle with water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration by mechanical device. Get medical aid immediately. ***Note to Physician: Treat symptomatically and supportively***

Section 5 – Fire Fighting Measures

General Information: If appropriate and if staff is certified, use a self contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing media: Use foam, dry chemical or carbon dioxide

Section 6 – Accidental Release Measures

General Info: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Sweep up material and place into a suitable disposal container

Section 7 – Handling and Storage

Handling: Do not breathe dust. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.
Storage: Store in a cool, dry place. Store in a tightly-closed container.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: It is recommended that facilities storing or utilizing this material should be equipped with an eyewash. Use adequate ventilation to keep airborne concentrations low.
Exposure Limits: Not established
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: Trained and certified personnel should follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN149. 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:	Powder
Color:	White
Odor:	None
pH:	not available
Vapor Pressure:	not available
Viscosity:	not available
Boiling Point:	not available
Melting Point:	163–165 ºC
Autoignition Temp:	not available
Flash Point:	not available
Explosion Limits:	not available
Decomposition Temp:	not available
Solubility in water:	not available
Specific gravity/Density:	not available

Immediately flush eyes with plenty of water for at least 15 minutes,

Section 10 – Stability and Reactivity

Chemical Stability: Stable at room temperature and atmospheric pressure
Conditions to avoid: Incompatible materials
Incompatibilities with other Materials: Strong oxidizing agents
Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, carbon dioxide
Hazardous Polymerization: Not reported

Section 11 – Toxicological Information

RTECS#: None listed
LD50/LC50: RTECS: Not available
Carcinogenicity: Not tested, not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65
Other: The toxicological properties have not been investigated

Section 12 – Ecological Information

Not available

Section 13 – Disposal Considerations

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

Section 14 – Transportation Information

Like other amino acids, this compound is considered non-hazardous for transport and does not have DOT restrictions.

Section 15 – Regulatory Information

US Federal: This compound is not listed on the TSCA Inventory. It is for research and development use only.

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.

9/20/2010