



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Clindamycin Hydrochloride: sc-200097



The Power to Question

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance/mixture and of the company/undertaking

**Product Name:** Clindamycin Hydrochloride  
**Catalog Number:** sc-200097  
**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

### 2. Hazards identification

#### Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

This substance is not classified according to the CLP regulation.

#### Classification according to Directive 67/548/EEC or Directive 1999/45/EC:



Xn; Harmful

R22: Harmful if swallowed.

**Information concerning particular hazards for human and environment:** Not applicable.

#### Label elements

**Labeling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

#### Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 3. Composition/information on ingredients

**Molecular Formula:** C<sub>18</sub>H<sub>33</sub>ClN<sub>2</sub>O<sub>5</sub>S·HCl

**Molecular Weight:** 461.44

**CAS Number:** 21462-39-5

**EC Number:** 244-398-6

### 4. First aid measures

#### Description of first aid measures

##### General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

##### After inhalation:

Supply fresh air; consult doctor in case of complaints.

##### After skin contact:

Remove contaminated clothing.

##### After eye contact:

Rinse opened eye for several minutes under running water.

**After ingestion:**

If symptoms persist consult doctor.

**Information for doctor:****Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**5. Firefighting measures****Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture:**

No further relevant information available.

**Advice for firefighters****Protective equipment:**

Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases. Wear fully protective suit.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Avoid formation of dust. Wear protective clothing.

**Environmental precautions:**

No special measures required.

**Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13.

**Reference to other sections**

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

**7. Handling and storage****Handling:****Precautions for safe handling:**

No special precautions are necessary if used correctly.

**Information about fire - and explosion protection:**

No special measures required.

**Conditions for safe storage, including any incompatibilities****Storage:**

Store at -20 °C.

**Requirements to be met by storerooms and receptacles:**

Store tightly sealed in a cool, dry and well ventilated location (see label for storage temperature and additional specific information).

**Information about storage in one common storage facility:**

Keep away from heat, sources of ignition and incompatibles such as oxidizing agents.

**Further information about storage conditions:**

Store under lock and key and with access restricted to technical experts or their assistants only.

**Specific end use(s):**

No further relevant information available.

**8. Exposure controls/personal protection****Additional information about design of technical facilities:**

No further data; see item 7.

**Control parameters****Ingredients with limit values that require monitoring at the workplace:**

Not required.

**Additional information:**

The lists valid during the making were used as basis.

**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

**Respiratory protection:**

Not required.

**Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Safety glasses.

**9. Physical and chemical properties**

Form:	Solid	Odor:	Characteristic
Odor threshold:	Not determined.	pH-value:	Not applicable.
Melting point/Melting range:	Undetermined.	Boiling point/Boiling range:	Undetermined.
Flash point:	Not applicable.	Flammability (solid, gaseous):	Not flammable.
Decomposition temperature:	Not determined.	Self-igniting:	Not determined.
Lower/Upper Explosion limits:	Not determined.	Vapor pressure:	Not applicable.
Density:	Not determined.	Relative density	Not determined.
Vapor density	Not applicable.	Evaporation rate	Not applicable.
Dynamic Viscosity:	Not applicable.	Kinematic Viscosity:	Not applicable.
Solubility/Miscibility with water:	Soluble.	Partition coefficient	Not determined.
Danger of explosion:	No.	(n-octanol/water):	

**10. Stability and reactivity****Reactivity****Chemical stability:**

Stable. Avoid strong oxidizing agents.

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions:**

No dangerous reactions known.

**Conditions to avoid:**

No further relevant information available.

**Incompatible materials:**

No further relevant information available.

**Hazardous decomposition products:**

No dangerous decomposition products known.

## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

Oral LD50 2193 mg/kg (rat)  
LD50 745 mg/kg (rat) (intraperitoneal)  
2618 mg/kg (rat) (subcutaneous)

#### Primary irritant effect:

on the skin: Not determined

on the eye: Not determined

Sensitization: No sensitizing effects known.

## 12. Ecological information

### Toxicity

No further relevant information available.

### Persistence and degradability:

No further relevant information available.

### Bioaccumulative potential:

No further relevant information available.

### Mobility in soil:

No further relevant information available.

### Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

### Other adverse effects

No further relevant information available.

## 13. Disposal considerations

### Waste treatment methods

#### Recommendation:

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

### Uncleaned packaging:

#### Recommendation:

Disposal must be made according to official regulations.

## 14. Transport information

### IATA

UN-Number Not applicable

UN proper shipping name Not applicable

Transport hazard class(es) Not applicable

Packing group Not applicable

### Environmental hazards:

Marine pollutant: No

Special precautions for user: Not applicable.

Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code: Not applicable.

## 15. Regulatory information

### Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## 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.*

8/18/2014