

# Ciprofloxacin Piperazinyl-N4-sulfate: sc-211096



The Power to Question

## MATERIAL SAFETY DATA SHEET

### Section 1

*Chemical Name* **Ciprofloxacin Piperazinyl-N4-sulfate**

*Synonyms* **1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(4-sulfo-1-piperazinyl)-3-quinolinecarboxylic Acid; Sulfociprofloxacin; 4-Sulfociprofloxacin; BAY-s 9435;**

*Catalog Nbr* **sc-211096**

*Supplier* **Santa Cruz Biotechnology, Inc.  
2145 Delaware Avenue  
Santa Cruz, California 95060  
800.457.3801 or 831.457.3800**

*Cas Reg. No* **105093-21-8**

*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 - Hazardous Ingredients/Identity Information

to the best of our knowledge the chemical, physical, and toxicological properties have not been thoroughly investigated. exercise due care.

### Section 3 - Physical/Chemical Characteristics

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|--|--|
| <i>Boiling Point</i> <b>N/A</b>  | <i>Appearance and Odor</i> <b>N/a</b>                |
| <i>Vapor Pressure</i> <b>N/A</b>   | <i>Specific Gravity(H<sub>2</sub>O=1)</i> <b>N/A</b> |
| <i>Vapor Density</i> <b>N/A</b>  | <i>Melting Point</i> <b>N/A</b>                      |
| <i>Solubility in Water</i> <b>N/A</b>  | <i>Evaporation Rate (Butyl Acetate=1)</i> <b>N/A</b> |
| <i>Molecular Formula</i> <b>C<sub>17</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>6</sub>S</b> |  |
| <i>Molecular Weight</i> <b>411.4</b>   |  |

### Section 4 - Reactive Data

|   |  |
|---|--|
| <i>Stability</i> <b>stable</b>  | <i>Incompatibility (Materials to Avoid)</i> <b>Strong oxidizing agents</b> |
| <i>Conditions to Avoid</i> <b>Strong oxidizing agents</b>   |  |
| <i>Hazardous Decomposition or Byproducts</i> <b>Toxic Fumes of:<br/>Carbon Monoxide, Carbon Dioxide,<br/>Nitrogen Oxides, sulfur oxides and<br/>hydrogen fluoride</b> | <i>Hazardous Polymerization</i> <b>will not occur</b>                      |

### Section 5 - Control Measures

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| <i>Respiratory Protection</i> <b>Niosh/Msha approved respirator</b> | <i>Ventilation</i> <b>hood</b>                         |
| <i>Protective Gloves</i> <b>Chemical Resistant Gloves</b>           | <i>Eye Protection</i> <b>Safety Goggles</b>            |
| <i>Other Protective Clothing</i> <b>lab coat and apron</b>          | <i>Other Protection</i> <b>safety shower, eye wash</b> |

### Section 6 - First Aid Measures

|                   |   |
|-------------------|---|
| <i>Inhalation</i> | <b>Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.</b>   |
| <i>Skin</i>       | <b>Immediately flush skin with copious amounts of water for at least 15 min while removing contaminated clothing and shoes.</b>                                     |
| <i>Ingestion</i>  | <b>If swallowed, wash out mouth with water provided person is conscious. Call a physician. Remove and wash contaminated clothing immediately.</b>                   |
| <i>Eyes</i>       | <b>Immediately flush eyes with copious amounts of water for at least 15 min. Assure adequate flushing by separating the eyelids with fingers. Call a physician.</b> |

## Section 7 - Health Hazard Data

Health Hazards  
(Acute and Chronic)

### ROUTE OF EXPOSURE

Skin Contact: May Causes skin irritation.  
Skin Absorption: May be harmful if absorbed through the skin.  
Eye Contact: Causes eye irritation.  
Inhalation: Material is irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.  
Ingestion: May be harmful if swallowed.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

A metabolite of the fluorinated quinolone antibacterial Ciprofloxacin.

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| Medical Conditions<br>Generally Aggravated by<br>Exposure | To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. |
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## Section 8 - Precautions for Safe Handling and Use

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|---|---|
| Steps to be Taken in<br>Case Material is<br>Released or Spilled | Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. |
|---|---|

|                       |   |
|-----------------------|---|
| Waste Disposal Method | Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations. |
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|   |   |
|---|---|
| Precautions to Be<br>Taken in Handling<br>and Storage | Keep tightly closed. Store in a cool dry place. <b>Store at -20° C.</b> |
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## Section 9 - Fire and Explosion Hazard Data

|                                       |  |
|---------------------------------------|--|
| Extinguishing Media                   | Water spray. Carbon Dioxide, dry chemical powder or appropriate foam.                                  |
| Special Fire Fighting<br>Procedures   | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |
| Unusual Fire and<br>Explosion Hazards | Emits Toxic fumes under fire conditions.   |

## Section 10 - Transportation Information and regulatory information

### DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

### IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

**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.**