

# N-(2-Aminoethyl)-5-chloroisoquinoline-8-sulfonamide: sc-207901



*The Power to Question*

## MATERIAL SAFETY DATA SHEET

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### Section 1 - General Information

**Chemical Name:**

N-(2-Aminoethyl)-5-chloroisoquinoline-8-sulfonamide

**CAS Reg. Number:**

120615-25-0

**Catalog Number:**

sc-207901

**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 - Hazardous Ingredients/Identity Information

**HMIS Classification**

Health Hazard: 2

Flammability: 0

Physical hazards: 0

### Section 3 - Physical/Chemical Characteristics

**Boiling Point:**

N/A

**Form:**

Crystalline Solid

**Vapor Pressure:**

N/A

**Specific Gravity(H<sub>2</sub>O=1):**

N/A

**Molecular Formula:**

C<sub>11</sub>H<sub>12</sub>ClN<sub>3</sub>O<sub>2</sub>S

**Solubility in Water:**

N/A

**Melting Point:**

188-190° C

**Evaporation Rate (ButylAcetate=1):**

N/A

**Vapor Density:**

N/A

**Molecular Weight:**

285.75

### Section 4 - Reactive Data

**Stability:**

Stable

**Incompatibility (Materials to Avoid):**

Strong Oxidizing agents

**Conditions to Avoid:**

Strong oxidizers

**Hazardous Decomposition or Byproducts:**

Carbon Monoxide, Carbon Dioxide, Sulfur Oxides, Hydrogen Chloride, Nitrogen Oxides

**Hazardous Polymerization:**

Will Not Occur

## ***Section 5 - Control Measures***

### **Respiratory Protection:**

Niosh/Msha approved respirator

### **Protective Gloves:**

Chemical resistant gloves

### **Other Protective Clothing:**

Lab coat or apron

### **Ventilation:**

Hood

### **Eye Protection:**

chemical safety goggles

### **Other Protection:**

safety shower and eye bath

## ***Section 6 - First Aid Measures***

**Inhalation:** Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen.

**Skin:** Rinse with copious amounts of water for 15 min, remove contaminated clothing and shoes

**Ingestion:** Rinse mouth out with water provide the person is conscious. seek medical attention

**Eyes:** Flush eyes with copious amounts of water separating the eyelids with fingers

## ***Section 7 - Health Hazard Data***

### **Health Hazards (Acute and Chronic):**

Acute toxicity no data available Irritation and corrosion no data available Sensitisation no data available

### **Chronic exposure**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### **Signs and Symptoms of Exposure**

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

### **Potential Health Effects**

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation.

**Ingestion:** Toxic if swallowed.

### **Medical Conditions Generally Aggravated by Exposure:**

May be harmful by inhalation, ingestion or skin absorption. may cause irritation.

## ***Section 8 - Precautions for Safe Handling and Use***

### **Steps to be Taken in Case Material is Released or Spilled:**

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

### **Waste Disposal Method:**

Dissolve or mix 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

### **Precautions to Be Taken in Handling and Storage:**

Avoid contact and inhalation. Keep tightly closed. Store in freezer. Avoid contact and inhalation. Keep tightly closed. Restrict handling by unqualified personnel. store in a cool dry place, avoid prolonged, repeated exposure wash after handling. Store at 4° C.

## ***Section 9 - Fire and Explosion Hazard Data***

### **Extinguishing Media:**

Water spray. Carbon dioxide, Dry chemical powder or appropriate foam.

### **Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

### **Unusual Fire and Explosion Hazards:**

Emits toxic fumes under fire conditions

## **Section 10 - Transportation Information and regulatory information**

### **DOT (US)**

UN-Number: 2811 Class: 6.1

Packing group: III

Proper shipping name: Toxic solids, organic, n.o.s. (N-(2-Aminoethyl)-5-chloroisoquinoline-8-sulfonamide)

Marine pollutant: No Poison Inhalation

Hazard: No

### **IMDG**

UN-Number: 2811 Class: 6.1

Packing group: III

EMS-No: F-A, S-A

Proper shipping name: TOXIC SOLID, ORGANIC, N.O.S. (N-(2-Aminoethyl)-5-chloroisoquinoline-8-sulfonamide)

Marine pollutant: No

### **IATA**

UN-Number: 2811 Class: 6.1

Packing group: III

Proper shipping name: Toxic solids, organic, n.o.s. (N-(2-Aminoethyl)-5-chloroisoquinoline-8-sulfonamide)

***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.***

9/2/2011