



The Power to Question

# Kanosamine, Hydrochloride: sc-207777

## Material Safety Data Sheet

### Section 1

*Chemical Name* **Kanosamine, Hydrochloride**

*Synonyms* **3-Amino-3-deoxy-D-glucose, Hydrochloride**

*Catalogue #* **sc-207777**

*Cas Reg. No* **576-44-3**

*Emergency* **ChemWatch**  
**Within the US & Canada: 877-715-9305**  
**Outside the US & Canada: +800 2436 2255**  
**(1-800-CHEMCALL) or call +613 9573 3112**

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

### 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

<i>Boiling Point</i>	<b>N/A</b>	<i>Appearance and Odor</i>	<b>White to Off-White Solid</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>Yes</b>	<i>Evaporation Rate (Butyl Acetate=1)</i>	<b>N/A</b>

### Section 4 - Reactive Data

*Stability* **Good store at -20°C, hygroscopic store under inert atmosphere**

*Incompatibility (Materials to Avoid)* **Strong oxidizing agents**

*Conditions to Avoid* **Strong oxidizing agents**

*Hazardous Decomposition or Byproducts* **toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride gas**

*Hazardous Polymerization* **will not occur**

### Section 5 - Control Measures

*Respiratory Protection* **Niosh/Msha approved respirator**

*Ventilation* **Chemical Fume Hood**

*Protective Gloves* **Rubber Gloves**

*Eye Protection* **Chemical Goggles**

*Other Protective Clothing* **Lab Coat/Apron**

*Other Protection* **Eye Safety Wash**

### Section 6 - First Aid Measures

*Inhalation* **If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.**

*Skin* **In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing.**

*Ingestion* **If swallowed, wash out mouth with water provided person is conscious. Call a physician.**

*Eyes* **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.**

## Section 7 - Health Hazard Data

*Health Hazards  
(Acute and Chronic)*

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

### ROUTE OF EXPOSURE

**Skin Contact:** May cause skin irritation.

**Skin Absorption:** May be harmful if absorbed through the skin.

**Eye Contact:** May cause eye irritation.

**Inhalation:** May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

**Ingestion:** May be harmful if swallowed.

An antibiotic which inhibits the growth of *Saccharomyces cerevisiae* and a range of human pathogenic fungi, including *Candida albicans*.

*Medical Conditions  
Generally Aggravated by  
Exposure*

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

## Section 8 - Precautions for Safe Handling and Use

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

Wear protective equipment. Sweep up, place in a 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 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.

*Precautions to Be  
Taken in Handling  
and Storage*

Keep tightly closed.

## 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

**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 all inclusive and shall be used only as a guide.

We will not be held responsible for any damage resulting from handling or contact with the chemical described.

***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.***