

8-Aminoguanine: sc-217492



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

Chemical Name	8-Aminoguanine		
Catalog Number	sc-217492		
CAS#	28128-41-8		
Synonyms	2,8-Diamino-1,9-dihydro-purin-6-one; 2,8-Diaminohypoxanthine		
Supplier	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 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

The toxicological properties of this compound have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point	N/A	Appearance and Odor	Off-White To Pale Yellow Solid
Vapor Pressure	N/A	Specific Gravity(H ₂ O=1)	N/A
Vapor Density	N/A	Melting Point	>330°C (dec.)
Solubility in Water	Yes	Evaporation Rate (Butyl Acetate=1)	N/A

Section 4 - Reactive Data

Stability	good	Incompatibility (Materials to Avoid)	Strong oxidizers
Conditions to Avoid	Strong oxidizers		
Hazardous Decomposition or Byproducts	Carbon monoxide, carbon dioxide, nitrogen oxides	Hazardous Polymerization	will not occur

Section 5 - Control Measures

Respiratory Protection	Niosh/Msha approved respirator	Ventilation	Fume Hood
Protective Gloves	chemical resistant gloves	Eye Protection	safety goggles
Other Protective Clothing	lab coat, apron	Other Protection	Safety shower and eyewash

Section 6 - First Aid Measures

Inhalation	Remove to fresh air. If not breathing, give CPR. If breathing is difficult, give oxygen
Skin	Wash with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes
Ingestion	If swallowed wash out mouth with water, provided person is conscious. Call a physician. Discard contaminated clothing
Eyes	Flush eyes with copious amounts of water for at least 15 minutes. Flushing of the eyes by separating eyelids with fingers

Section 7 - Health Hazard Data

Health Hazards
(Acute and Chronic)

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: Material may be 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.

Medical Conditions
Generally Aggravated by
Exposure

THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED

Section 8 - Precautions for Safe Handling and Use

<i>Steps to be Taken in Case Material is Released or Spilled</i>	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. Ventilate area and wash spill site after material pickup is complete.
<i>Waste Disposal Method</i>	Burn in a Chemical Incinerator equipped with an Afterburner & Scrubber. Observe all Federal, State & Local Laws when disposing of any waste.
<i>Precautions to Be Taken in Handling and Storage</i>	Keep tightly closed. Handle & store under nitrogen. Moisture sensitive. freeze, avoid repeated exposure. Keep away from combustible materials, heat sparks & open flame. Wash thoroughly after handling. Do not breathe vapor.

Section 9 - Fire and Explosion Hazard Data

<i>Extinguishing Media</i>	Carbon Dioxide, Dry chemical powder or appropriate foam.
<i>Special Fire Fighting Procedures</i>	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
<i>Unusual Fire and Explosion Hazards</i>	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.

10/20/2010