

4-Amino-1-pentanol: sc-209914



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1

<i>Chemical Name</i>	4-Amino-1-pentanol		
<i>Catalog Nbr</i>	sc-209914		
<i>Supplier</i>	Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800	<i>Emergency</i>	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 have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

<i>Boiling Point</i>	117-119°C/25 mm	<i>Appearance and Odor</i>	Pale Yellow Oil
<i>Vapor Pressure</i>	N/A	<i>Specific Gravity(H₂O=1)</i>	N/A
<i>Vapor Density</i>	N/A	<i>Melting Point</i>	49-51°C
<i>Solubility in Water</i>	YES	<i>Evaporation Rate (Butyl Acetate=1)</i>	N/A

Section 4 - Reactive Data

<i>Stability</i>	Stable, hygroscopic store under inert gas	<i>Incompatibility (Materials to Avoid)</i>	Strong oxidizing agents,
<i>Conditions to Avoid</i>	Strong oxidizing agents	<i>Hazardous Polymerization</i>	Will not occur
<i>Hazardous Decomposition or Byproducts</i>	Toxic fumes of: carbon monoxide, carbon dioxide, nitrogen oxides		

Section 5 - Control Measures

<i>Respiratory Protection</i>	Niosh/Msha approved respirator	<i>Ventilation</i>	Mechanical exhaust required use in hood
<i>Protective Gloves</i>	chemical resistant gloves	<i>Eye Protection</i>	Chemical safety goggles
<i>Other Protective Clothing</i>	lab coat or apron	<i>Other Protection</i>	Safety shower and eye bath

Section 6 - First Aid Measures

<i>Inhalation</i>	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
<i>Skin</i>	Wash skin with soap and copious amounts of water.
<i>Ingestion</i>	Wash our mouth with water provided person is conscious. Call a physician immediately.
<i>Eyes</i>	Immediately flush with copious amounts of water for at least 15 minutes

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

Ingestion: May be harmful if swallowed.

TO THE BEST OF OUR KNOWLEDGE THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED. EXERCISE DUE CARE.

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

*Medical Conditions
Generally Aggravated by
Exposure*

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*

Store in a cool, dry place. Avoid prolonged, repeated exposure. Wash after handling. Wear chemical safety goggles, chemical resistant gloves, and NIOSH/MSHA-approved respirator.

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 complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

03/24/2010