

(2S)-3-Phenyl-1,2-propanediamine: sc-209436



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical and Company Information

| | | | |
|----------------------|----------------------------------|------------------|---|
| <i>Chemical Name</i> | (2S)-3-Phenyl-1,2-propanediamine | <i>Supplier</i> | Santa Cruz Biotechnology, Inc. 2145 Delaware Avenue Santa Cruz, California 95060 800.457.3801 or 831.457.3800 |
| <i>Synonyms</i> | (S)-3-Phenyl-1,2-propanediamine; | | |
| <i>Catalog Nbr</i> | sc-209436 | <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 |
| <i>Cas Reg. No</i> | 85612-60-8 | | |

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> | N/A | <i>Apearance and Odor</i> | Clear Colorless 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> | N/A |
| <i>Solubility in Water</i> | N/A | <i>Evaporation Rate (Butyl Acetate=1)</i> | N/A |
| <i>Formula</i> | C ₉ H ₁₄ N ₂ | <i>Weight</i> | 150.22 |

Section 4 - Reactive Data

| | | | |
|--|---|---|---------------------------------------|
| <i>Stability</i> | Stable store under inert atmosphere | <i>Incompatability (Materials to Avoid)</i> | Strong oxidizing agents, strong acids |
| <i>Conditions to Avoid</i> | high temperatures | | |
| <i>Hazardous Decomposition or Byproducts</i> | Toxic fumes of carbon monoxide carbon dioxide and nitrogen oxides | <i>Hazardous Polymerization</i> | will not occur |

Section 5 - Control Measures

| | | | |
|----------------------------------|--------------------------------|-------------------------|--------------------|
| <i>Respiratory Protection</i> | Niosh/Msha approved respirator | <i>Ventilation</i> | Chemical Fume Hood |
| <i>Protective Gloves</i> | Rubber Gloves | <i>Eye Protection</i> | Chemical Goggles |
| <i>Other Protective Clothing</i> | Lab Coat/Apron | <i>Other Protection</i> | Eye Safety Wash |

Section 6 - First Aid Measures

| | |
|-------------------|---|
| <i>Inhalation</i> | If inhaled, remove to fresh air. If breathing becomes difficult, call a physician. |
| <i>Skin</i> | In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing. |
| <i>Ingestion</i> | If swallowed, wash out mouth with water provided person is conscious. Call a physician. |
| <i>Eyes</i> | 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 antibacterial agent.

*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. Store at -20° 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

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.

2/14/2011