

N-Benzyl-N-methylputrescine: sc-207982



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: N-Benzyl-N-methylputrescine
Product Number: sc-207982
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

2. Composition, Information on Ingredients

MF: C₁₂H₂₀N₂
MW: 192.30
CAS Number: 221196-25-4

3. Hazards Identification

Label Precautionary Statements

Harmful

Harmful by inhalation, in contact with the skin and if swallowed. Do not breathe fumes. Avoid contact with skin and eyes. All the chemical, physical and toxicological properties have not been thoroughly investigated.

4. First Aid Measures

In case of contact with eyes

Immediately flush eyes with copious amounts of water for at least 15 minutes. Keep the eyelid open and move eyes in every direction during the rinsing. In case of irritation call a physician.

In case of contact with skin

Remove contaminated clothing and rinse skin with soap and copious amounts of water.

If inhaled

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If swallowed

Wash out mouth with water provided person is conscious. Call a physician. Wash contaminated clothing before reuse.

5. Fire Fighting Measures

Extinguishing Media

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

Special Firefighting Procedures

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

Unusual Fire and Explosions Hazards

Emits toxic fumes under fire conditions.

6. Accidental Release Measures

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Cover with dry lime or soda ash, pick up and place in closed containers for disposal. Avoid rising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

See Section 8.

8. Exposure Controls/Personal Protection

Chemical safety goggles. Rubber gloves. NIOSH/MSHA-approved respirator. Safety shower and eye bath. Mechanical exhaust required. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place at room temperature.

9. Physical and Chemical Properties

Form

Liquid

Physical Properties

Boiling point 95 °C (0.5 mbar)

10. Stability and Reactivity

Incompatibilities

Acid anhydrides, acid halogenides

Hazards Combustion or Decomposition Products

Toxic fumes of: Carbon monoxide, Carbon dioxide, Nitrogen oxides

11. Toxicological Information

Acute Effects: May be harmful by inhalation, ingestion or skin absorption. Toxicological properties have not been thoroughly investigated.

12. Ecological Information

Data not yet available.

13. Disposal Considerations

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.

14. Transport Information

Land:

ADR/RID/GGVS/GGVE

not regulated

Air:

ICAO/IATA

not regulated

15. Regulatory Information

European Information:

Pictogram:



Signal Word: Warning

Xn Harmful

Hazard Statement(s):

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H302 Harmful if swallowed.

Precautionary Statement(s)

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P262 Do not get in eyes, on skin, or on clothing.

R20/21/22 Harmful by inhalation, in contact with the skin and if swallowed.

S23–24/25 Do not breathe fumes. Avoid contact with skin and eyes.

16. OTHER INFORMATION

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.

8/30/2011