

HBED: sc-200817



MATERIAL SAFETY DATA SHEET

The Power to Question

SECTION 1: Product Identification

Chemical Name: N,N'-Di(2-hydroxybenzyl)ethylenediamine-N,N'-diacetic acid monohydrochloride hydrate HBED
Product Number: sc-200817
CAS Registry Number: 35369-53-0
Formula: C₂₀H₂₄N₂O₆ HCl H₂O
EINECS Number: none
Chemical Family: Organic amine
Synonym: none
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

SECTION 2: Composition and Information on Ingredients

<i>Ingredient</i>	<i>CAS Number</i>	<i>Percent</i>	<i>ACGIH (TWA)</i>	<i>OSHA (PEL)</i>
Title Compound	35369-53-0	100	no data	no data

SECTION 3: Hazards Identification

Emergency Overview: No particular hazard associated with this material.
Primary Routes of Exposure: Ingestion, inhalation
Eye Contact: May cause slight to mild irritation of the eyes.
Skin Contact: May cause slight to mild irritation of the skin.
Inhalation: May be irritating to the nose, mucous membranes and respiratory tract.
Ingestion: No specific information is available on the physiological effects of ingestion.
Acute Health Effects: May be irritating to skin, eyes and respiratory tract.
Chronic Health Effects: No information available on long-term chronic effects.
NTP: No
IARC: No
OSHA: No

SECTION 4: First Aid Measures

Eye Exposure: Immediately flush the eyes with copious amounts of water for at least 10-15 minutes. A victim may need assistance in keeping their eye lids open. Get immediate medical attention.
Skin Exposure: Wash the affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.
Inhalation: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.
Ingestion: Seek medical attention immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5: Fire Fighting Measures

Flash Point: no data
Autoignition Temperature: none
Explosion Limits: none
Extinguishing Medium: carbon dioxide, dry powder or foam

Special Fire Fighting Procedures:

If this material is involved in a fire, fire fighters should be equipped with a NIOSH approved, positive pressure self contained breathing apparatus and full protective clothing.

Hazardous Combustion and Decomposition Products: If involved in a fire this material may emit toxic organic fumes.

Unusual Fire or Explosion Hazards: No unusual fire or explosion hazards.

SECTION 6: Accidental Release Measures

Spill and Leak Procedures: Small spills can be mixed with vermiculite or sodium carbonate and swept up.

SECTION 7: Handling and Storage

Handling and Storage: Store in a tightly sealed container at room temperature. Keep away from heat and direct sunlight.

SECTION 8: Exposure Controls and Personal Protection

Eye Protection: Always wear approved safety glasses when handling a chemical substance in the laboratory.

Skin Protection: Wear protective clothing and gloves.

Ventilation: Material may form a fine dust. If possible, handle the material in an efficient fume hood.

Respirator: If ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.

Additional Protection: No additional protection required.

SECTION 9: Physical and Chemical Properties

Form:	Powder	Molecular Weight:	424.89
Melting Point:	130–134°C	Boiling Point:	no data
Vapor Pressure:	not applicable	Specific Gravity:	no data
Odor:	none	Solubility in Water:	soluble

SECTION 10: Stability and Reactivity

Stability: air and moisture stable solid

Hazardous Polymerization: no hazardous polymerization

Conditions to Avoid: none

Incompatibility: Oxidizing agents and halogens

Decomposition Products: carbon dioxide, carbon monoxide, nitrogen oxides, hydrogen chloride, and organic fumes

SECTION 11: Toxicological Information

RTECS Data: No information available in the RTECS files.

Carcinogenic Effects: No data available

Mutagenic Effects: No data available

Tetratogenic Effects: No data available

SECTION 12: Ecological Information

Ecological Information: No information available

SECTION 13: Disposal Considerations

Disposal: Dispose of according to local, state and federal regulations.

SECTION 14: Transportation

Shipping Name (CFR): Non-hazardous

Hazard Class (CFR): NA

Additional Hazard Class (CFR): NA

Packaging Group (CFR): NA
UN ID Number (CFR): NA
Shipping Name (IATA): Non-hazardous
Hazard Class (IATA): NA
Additional Hazard Class (IATA): NA
Packaging Group (IATA): NA
UN ID Number (IATA): NA

SECTION 15: Regulatory Information

TSCA: Not listed in the TSCA inventory.
SARA (Title 313): Not reportable under SARA Title 313
Second Ingredient: none
Third Ingredient: none

SECTION 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.

06/16/2011