



Nanjing Raise Pharmatech Co., Ltd.

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Material Safety Data Sheet

N-CBz aminohexyl-1, galactosamine tetraacetate, 99%

Section 1 - Chemical Product and Company Identification

MSDS Name: N-CBz aminohexyl-1, galactosamine tetraacetate

Company Identification: Nanjing Raise Pharmatech Co., Ltd.

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
159173-77-0	N-CBz aminohexyl-1, galactosamine tetraacetate	99%	

Hazard Symbols: None listed

Risk Phrases: None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Not available

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Section 4 - First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Do not induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH

(approved or equivalent), and full protective gear.



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Extinguishing Media: In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Section 9 - Physical and Chemical Properties

Physical State: Flake solid

Color: Off-White

Odor: Odorless

Vapor Pressure: Not available

Viscosity: Not available

Boiling Point: Not available

Melting Point: 113-115°C

Autoignition Temperature: Not available

Flash Point: Not available

Explosion Limits, Lower: Not available

Explosion Limits, Upper: Not available

Decomposition Temperature: Not available

Solubility in water: insoluble in water

Specific Gravity/Density: Not available

Molecular Formula: $C_{28}H_{40}N_2O_{11}$

Molecular Weight: 580.6

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.



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Conditions to Avoid: Incompatible materials.

Incompatibilities with Other Materials: Has not been reported.

Hazardous Decomposition Products: Has not been reported.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#: CAS# 159173-77-0

LD50/LC50: RTECS: Not available.

Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Other: See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

IATA IMO RID/ADR

Shipping Name: Not available Not available Not available

Hazard Class: None

UN Number:

Packing Group:

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# : Not available

Canada

CAS# is not listed on Canada's NDSL List

US Federal

TSCA

CAS# is not listed on the TSCA Inventory.

European/International Regulations

Section 16 - Other Information





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