

1. Product and Company Identification

Product Code: X006044

Product Name: Leuco Buffer

Company Name: Alpha-Tec Systems, Inc.
 1311 SE Cardinal Ct Suite 170
 Vancouver, WA 98683

Phone Number:
 1 (360)260-2779

Web site address: Alphatecsystems.com

Email address: Regulatory@Alphatecsystems.com

Emergency Contact: INFOTRAC
 International 00-1- (352)323-3500

Information: North America 1 (800)535-5053

Intended Use: For Laboratory Use Only

Product List

2. Hazards Identification

GHS Signal Word: **None**

GHS Hazard Phrases: No phrases apply.

GHS Precautionary Phrases: No phrases apply.

GHS Response Phrases: No phrases apply.

GHS Storage and Disposal Phrases: No phrases apply.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	>=90.0 %
77-86-1	Tris(hydroxymethyl)aminomethane {Tromethane}	~ 6.0 %
7647-01-0	Hydrochloric acid {Hydrogen chloride}	~ 3.2 %

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Skin Contact: Wash with plenty of soap and water.

In Case of Ingestion: Wash mouth out with water.

5. Fire Fighting Measures

Flash Point: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions: No data available.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Carbon oxides. Nitrogen oxides.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Wash area with soap and water.

7. Handling and Storage

Precautions To Be Taken in Handling: Good laboratory practices, safety procedures, and normal precautions in handling and storage of all products are recommended to provide adequate protection to the skilled laboratory professional.

Precautions To Be Taken in Storing: Store at 2 - 8°C.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
77-86-1	Tris(hydroxymethyl)aminomethane {Tromethane}	TWA: 5 mg/m3	No data.	No data.
7647-01-0	Hydrochloric acid {Hydrogen chloride}	CEIL: 5 ppm	No data.	No data.

Respiratory Equipment (Specify Type): Good laboratory practices should be followed which includes preventing eye contact and minimizing skin contact and inhalation.

Eye Protection: No data available.

Protective Gloves: No data available.

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): No data available.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Appearance: colorless.
Odor: Odorless.

pH: No data.

Melting Point: No data.

Boiling Point: No data.

Flash Point: No data.

Evaporation Rate: No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure: No data.

Vapor Density (vs. Air=1): No data.

Specific Gravity (Water=1): No data.

Solubility in Water: No data.

Saturated Vapor Concentration: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.

Information with regard to primary physical hazard:

10. Stability and Reactivity

Stability: Unstable [] Stable []
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: No data available.
Hazardous Decomposition or Byproducts: No data available.
Possibility of Hazardous Reactions: Will occur [] Will not occur []
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of product in accordance with all federal, state, and local regulations.

14. Transport Information

GHS Classification: No GHS classifications apply.

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: N/A.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):
TDG Shipping Name: N/A.
UN Number:
Hazard Class: **TDG Classification:**

15. Regulatory Information

16. Other Information

Revision Date: 03/19/2024

Preparer Name: AFrontella

Additional Information About This Product: No data available.

Document & Change Control Number SDS0299.A.

Company Policy or Disclaimer: Disclaimer

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