

1. Product and Company Identification

Product Code: X006036

Product Name: Ferric Chloride

Company Name: Alpha-Tec Systems, Inc. **Phone Number:**
1 (360)260-2779

1311 SE Cardinal Ct Suite 170
Vancouver, WA 98683

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

Skin Corrosion/Irritation, Category 3

GHS Signal Word: **Warning**

GHS Hazard Phrases: H316 - Causes mild skin irritation.

GHS Precautionary Phrases: No phrases apply.

GHS Response Phrases: P332+313 - If skin irritation occurs, get medical advice/attention.

GHS Storage and Disposal Phrases: No phrases apply.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	>=99.0 %
7647-01-0	Hydrochloric acid {Hydrogen chloride}	< 0.8 %
10025-77-1	Ferric chloride, Hexahydrate	< 0.01 %

4. First Aid Measures

Emergency and First Aid Procedures:

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

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

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: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Fire Fighting Instructions: No data available.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

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.
7647-01-0	Hydrochloric acid {Hydrogen chloride}	CEIL: 5 ppm	No data.	No data.
10025-77-1	Ferric chloride, Hexahydrate	No data.	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 [<input type="checkbox"/>]	Stable [<input checked="" type="checkbox"/>]
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 [<input type="checkbox"/>]	Will not occur [<input checked="" type="checkbox"/>]
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: Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation

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 SDS0293.A.

Company Policy or Disclaimer: Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.