

### 1. Product and Company Identification

<b>Product Code:</b>	X006046	
<b>Product Name:</b>	Peroxide	
<b>Company Name:</b>	Alpha-Tec Systems, Inc. 1311 SE Cardinal Ct Suite 170 Vancouver, WA 98683	<b>Phone Number:</b> 1 (360)260-2779
<b>Web site address:</b>	Alphatecsystems.com	
<b>Email address:</b>	Regulatory@Alphatecsystems.com	
<b>Emergency Contact:</b>	INFOTRAC International	00-1- (352)323-3500
<b>Information:</b>	North America	1 (800)535-5053
<b>Intended Use:</b>	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	>=95.0 %
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	1.0 -4.0 %
77-92-9	Citric acid	~ 0.22 %

### 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:** If victim is fully conscious, give a cupful of 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

**Environmental Precautions:** Do not empty into drains.

**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.
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	PEL: 1 ppm	No data.	No data.
77-92-9	Citric acid	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 [  ] 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

**General Ecological Information:** Harmful to aquatic life.

### 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:** SDS0300.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.