SAFETY DATA SHEET
Peroxide

This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: X006046

Product Name: Peroxide

Company Name: CalibreScientific US, Inc.
1311 SE Cardinal Ct Suite 170
Vancouver, WA 98683

Phone Number:
1 (360)260-2779

Web site address: Alphatecsystems.com

Email address: Regulatory@calibrescientific.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:

GHS Precautionary Phrases:

GHS Response Phrases:

GHS Storage and Disposal Phrases:

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.

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5. Fire Fighting Measures

Flash Point:

Explosive Limits: LEL: UEL:

Autoignition Pt:

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

Fire Fighting Instructions:

Flammable Properties and Hazards:

Hazardous Combustion Products:

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			
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	PEL: 1 ppm		
77-92-9	Citric acid			

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

Eye Protection:

Protective Gloves:

Other Protective Clothing:

Engineering Controls (Ventilation etc.):

9. Physical and Chemical Properties

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

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

pH:

Melting Point:

Boiling Point: /   0.0   mm Hg

Flash Point:

Evaporation Rate:

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Flammability (solid, gas):

Explosive Limits: LEL: UEL:

Vapor Pressure:

Vapor Density (vs. Air=1):

Specific Gravity (Water=1):

Solubility in Water:

Saturated Vapor Concentration:

Octanol/Water Partition Coefficient:

Autoignition Pt:

Decomposition Temperature:

Viscosity:

10. Stability and Reactivity

Stability: Unstable [   ]   Stable [X]

Conditions To Avoid - Instability:

Incompatibility - Materials To Avoid:

Hazardous Decomposition or Byproducts:

Possibility of Hazardous Reactions: Will occur [   ]   Will not occur [X]

Conditions To Avoid - Hazardous Reactions:

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11. Toxicological Information

Toxicological Information:

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

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7732-18-5	Water	No	No	No
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	Yes 1000 LB	No	No
77-92-9	Citric acid	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7732-18-5	Water	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	CA PROP.65: No; MA Oil/HazMat: Yes; NJ EHS: Yes - 1015; PA HSL: Yes - E
77-92-9	Citric acid	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No

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16. Other Information

Revision Date:	02/28/2025	**Previous revision:**	03/19/2024
Preparer Name:	AFrontella		

Additional Information About This Product:

Document & Change Control Number   SDS0300.B.

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.