

This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: 0004208
Product Name: Methylene Blue Phosphate Pre-Stain
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 N/A Single Product Code.

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
7778-77-0	Potassium phosphate, Monobasic	100.0 -2100. PPM
7558-79-4	Sodium phosphate, Dibasic {Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}	50.0 -700.0 PPM
7220-79-3	Methylene blue trihydrate {C.I. Basic Blue 9, trihydrate}	50.0 -700.0 PPM

4. First Aid Measures

Emergency and First Aid Procedures: No data available.

5. Fire Fighting Measures

Flash Point: No data.
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: No data available.
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: No data available.

7. Handling and Storage

Precautions To Be Taken in Handling: No data available.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7778-77-0	Potassium phosphate, Monobasic	No data.	No data.	No data.
7558-79-4	Sodium phosphate, Dibasic {Phosphoric acid, disodium salt; Disodium, hydrogen phosphate}	No data.	No data.	No data.
7220-79-3	Methylene blue trihydrate {C.I. Basic Blue 9, trihydrate}	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No data available.

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 ☒ Liquid ☐ Solid

Appearance and Odor: Blue.
Odorless.

pH: No data.

Melting Point: No data.

Boiling Point: No data. / 0.0 mm Hg

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 No data.
Temperature:
Viscosity: No data.

10. Stability and Reactivity

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

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: No data available.

14. Transport Information

GHS Classification: No GHS classifications apply.
LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: Not dangerous goods.
DOT Hazard Class:
UN/NA Number:
LAND TRANSPORT (Canadian TDG):
TDG Shipping Name: Not dangerous goods.
UN Number:
Hazard Class: TDG Classification:
LAND TRANSPORT (European ADR/RID):
ADR/RID Shipping Name: Not dangerous goods.
UN Number:
Hazard Class:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not dangerous goods.
 UN Number: Packing Group:
 Hazard Class:

15. Regulatory Information

16. Other Information

Revision Date: 03/07/2025 Previous revision: 12/28/2016
 Preparer Name: A. Frontella

Additional Information About This Product: No data available.

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Company Policy or Disclaimer: Disclaimer
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