

1. Product and Company Identification

Product Code:	0003526	
Product Name:	Methylene Blue Counterstain	
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: Biological Staining	
Product List	Methylene Blue Counterstain, Product Codes: 0003526C, 0003526S, 0003566.	

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.
Potential Health Effects (Acute and Chronic):	No information available.
Inhalation:	May be harmful if inhaled.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause slight eye irritation.
Ingestion:	May be harmful if swallowed.
Medical Conditions Generally Aggravated By Exposure:	Consult a physician.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7220-79-3	Methylene blue trihydrate {C.I. Basic Blue 9, trihydrate}	1040. -3040. PPM

4. First Aid Measures

Emergency and First Aid
Procedures:

In Case of Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.
In Case of Skin Contact:	Get medical aid if irritation develops or persists. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
In Case of Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion:	Get medical aid. Do not induce vomiting unless directed to do so by medical personnel.
Signs and Symptoms Of Exposure:	No data available.

5. Fire Fighting Measures

Flash Pt:	NP	Method Used:	Estimate
Explosive Limits:	LEL: No data.	UEL:	No data.
Autoignition Pt:	NP		
Suitable Extinguishing Media:	Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.		
Fire Fighting Instructions:	Substance is noncombustible.		
Flammable Properties and Hazards:	No data available.		
Hazardous Combustion Products:	No data available.		

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Wear chemical splash goggles. Wear appropriate protective gloves and clothing to prevent skin exposure.
Steps To Be Taken In Case Material Is Released Or Spilled:	Ventilate the area. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

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. Store in a cool dry place. Do not get in eyes, on skin, or on clothing.
---	---

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7220-79-3	Methylene blue trihydrate {C.I. Basic Blue 9, trihydrate}	No data.	No data.	No data.

Recommended Exposure Limits: Not available.

Respiratory Equipment (Specify Type):	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.
Eye Protection:	Wear chemical splash goggles.
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure.
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Engineering Controls (Ventilation etc.):	Use with adequate ventilation.
Work/Hygienic/Maintenance Practices:	General industrial hygiene practice. Use caution when handling glass to avoid breakage and injury. Wash thoroughly after handling.
Environmental Exposure Controls:	To be performed in compliance with all current, local, regional and country regulations.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Blue. Odorless.	
pH:	No data.	
Melting Point:	NA	
Boiling Point:	100.00 C	
Flash Pt:	NP Method Used: Estimate	
Evaporation Rate:	No data.	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	1.000	
Solubility in Water:	No data.	
Saturated Vapor Concentration:	No data.	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	NP	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

Information with regard to primary physical hazard:

10. Stability and Reactivity

Reactivity: None reported.

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: None reported.

Incompatibility - Materials To Avoid: No information found.

Hazardous Decomposition or Byproducts: No data available.

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

Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: No information available.

Irritation or Corrosion: No information available.

Symptoms related to Toxicological Characteristics: No information available.

Chronic Toxicological Effects: No information available.

Carcinogenicity: NTP? Unknown IARC Monographs? Unknown OSHA Regulated? Unknown

12. Ecological Information

General Ecological Information: Unknown Effect.

13. Disposal Considerations

Waste Disposal Method: Dispose of product in accordance with all federal, state, and local regulations. Use personal protective equipment as required.

14. Transport Information

GHS Classification: No GHS classifications apply.

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not regulated as a hazardous material.

UN Number:

Hazard Class: **TDG Classification:**

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not regulated as a hazardous material.

UN Number:

Hazard Class:

AIR TRANSPORT (ICAO/IATA):
ICAO/IATA Shipping Name: Not regulated as a hazardous material.

UN Number:
Packing Group:
Hazard Class:

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)
7220-79-3	Methylene blue trihydrate {C.I. Basic Blue 9, trihydrate}	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7220-79-3	Methylene blue trihydrate {C.I. Basic Blue 9, trihydrate}	CA PROP.65: No; MA Oil/HazMat: No; NJ EHS: No; PA HSL: No

16. Other Information

Revision Date: 06/09/2023 **Previous revision:** 06/15/2020
Preparer Name: Tim Meehan

Additional Information About This Product: No data available.

Document & Change Control Number SDS0086.H.

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.