

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Phosphorus Reagent
Catalog Number(s) CC218, ST218, BL218, AU-218
Recommended Use For in vitro diagnostic use.
 Carolina Liquid Chemistries
Company Information 510 W Central Ave Unit C
 Brea, CA 92821
 Telephone: (877) 722-8910
Emergency Phone Number (800) 424-9300

2. HAZARD(S) IDENTIFICATION

Route of Entry/Exposure ☒ Skin Contact ☒ Eye Contact ☒ Inhalation ☒ Ingestion
Effects of acute exposure Skin Contact: May cause irritation
 Eye Contact: May cause irritation
 Inhalation: May cause irritation
 Ingestion: May be harmful if swallowed. May cause nausea, vomiting and diarrhea.
Effects of chronic exposure None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Weight %
Ammonium Molybdate	12054-85-2	< 1%
Sulfuric Acid	7664-93-9	2.5%

In compliance with OSHA Hazard Communication Standard (29 CFR 1910.1200), a chemical is considered hazardous if it contains 1.0% or more of a hazardous compound or 0.1% or more of a carcinogen. The product does NOT contain hazardous material(s) in excess of these amounts.

4. FIRST AID MEASURES

Eye Contact Flush eyes thoroughly with water. If irritation occurs, seek medical attention.
Skin Contact Wash affected area with water for at least 15 minutes.
Inhalation Move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately.
Ingestion Seek medical attention if swallowed.

5. FIRE-FIGHTING MEASURES

Flammable No
Flash point N/A
Extinguishing media Use alcohol-resistant foam, carbon dioxide water or dry chemical spray. Use water spray to cool fire-exposed containers
Auto-ignition temperature N/A
Upper/Lower flammable limit N/A
Hazardous combustion products None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Protect eyes and mucous membranes from contact. Use good laboratory practice.
Environmental Precautions Contain spill to prevent contamination of surrounding areas.
Leak and spill procedure Dispose through a sanitary sewer, or use absorbent material and dispose as non-hazardous waste.

7. HANDLING AND STORAGE

Handling	No special precautions required. Use good laboratory practice
Storage	Keep container tightly closed. Store at room temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection	Safety goggles, glasses, or face shield recommended.
Skin Protection	Latex or equivalent gloves recommended
Respiratory Protection	Under normal use conditions, no respiratory protection is required.
Engineering Measures	Use in well ventilated areas.
Exposure Guidelines	Avoid long or repeated exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Colorless solution
Odor	Odorless
Odor Threshold	Not Available
pH	0.2 – 0.6
Vapor Pressure	Not Available
Vapor Density	Not Available
Specific Gravity	Not Available
Evaporation Rate	Not Available
Melting Point	Not Available
Boiling Point	Not Available
Solubility in Water	Complete

10. STABILITY AND REACTIVITY

Stability	Stable
Hazardous Polymerization	Will not occur
Incompatible Materials	Not Available
Hazardous Decomposition Products	No data available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Irritation	No data available
Synergistic Products :	No data available
LD50: MOPSO:	No data available

Chronic Toxicity

Carcinogenicity	Contains no ingredients listed as potential carcinogens by ACGIH, IARC, NTP, OSHA
Sensitization to Product:	No data available
Mutagenic Effects	No data available
Reproductive/Developmental/ Teratogenic Effects	No data available
Other Adverse Effects	None known

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
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13. DISPOSAL INFORMATION

Waste Disposal Methods Dispose in a manner consistent with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT
TDG
IATA
IMDG/IMO

Transportation of this product not regulated according to the definition of hazardous in 49CFR (US DOT). Transportation of this product is also not regulated by IATA, ICAO, Canadian TDG, or European ADR

15. REGULATORY INFORMATION

TSCA N/A

SARA 313

SARA 311/312 Hazardous Category No

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure No

Reactive Hazard No

Clean Water Act N/A

Clean Air Act N/A

OSHA N/A

CERCLA N/A

California Proposition 65 N/A

16. OTHER INFORMATION**Disclaimer:**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release, it is not to be considered as 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 material or in any process, unless specified in the text.