

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name	Bluing Solution (Not for Metals)
CAS number	No information available
Synonyms	No information available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Laboratory Chemicals
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1.3 Details of the supplier of the safety data sheet

Company	Lab Alley, LLC 12501 Pauls Valley Road Austin, Texas 78737 U.S.A.
Telephone	512-668-9918
Fax	512-886-4008

1.4 Emergency telephone

Emergency Phone #	US & Canada: 1-800-535-5053	INFOTRAC
	International 1-352-323-3500	INFOTRAC

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Not a dangerous substance or mixture according to GHS (US).

2.2 GHS Label elements, including precautionary statements

No labeling applicable — not hazardous

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

No additional information available

SECTION 3: Composition/information on ingredients

3.1 Components

Data not available.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice	If exposed or concerned, get medical attention/advice. Show this safety data sheet (SDS) to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
If inhaled	Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.
In case of skin contact	Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.
In case of eye contact	Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking or irritation develops or persists, get medical attention. Continue rinsing.
If swallowed	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

May cause respiratory irritation, gastrointestinal irritation, and skin irritation. Direct contact with the eyes is likely to be irritating.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire. Water spray. Foam. Dry chemical.
Unsuitable extinguishing media	None known.

5.2 Specific hazards arising from the substance or mixture

Product is not flammable or explosive. The product is non-reactive under normal conditions of use, storage and transport.

5.3 Special protective equipment and precautions for firefighters

Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

5.4 Further information

Flash Point No information available

Autoignition Temperature No information available

Explosion limits

Upper No data available

Lower No data available

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

NFPA

Health	Flammability	Instability	Physical hazards
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ventilate area. Evacuate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release into the environment.

6.3 Methods and materials for containment and cleaning up

Wear suitable protective clothing. Soak up residue with an absorbent such as clay, sand or other suitable material. Product may create slip hazard.

6.4 Reference to other sections

See Section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures

No information available.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in well-ventilated place. Keep container tightly closed.

Incompatibilities

Strong oxidizing agents, mineral acids, strong alkalis.

SECTION 8: Exposure controls/personal protection

8.1 Occupational exposure limits

No data available.

8.2 Exposure controls

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection

Chemical goggles or safety glasses.

Skin protection

Wear clothing to minimize bodily exposure.

Body Protection

Wear clothing to minimize bodily exposure.

Respiratory protection

Wear approved mask.

Control of environmental exposure

No information available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State

Liquid

Appearance

Blue liquid

Odor	None
Odor Threshold	No data available
pH	Neutral
Melting Point/Range	No data available
Boiling Point/Range	100°C (212°F)
Evaporation Rate	No data available
Flammability (solid)	No data available
Flammability or explosive limit	
Upper	No data available
Lower	No data available
Vapor Pressure	19.8 mm Hg at 22°C
Vapor Density	1 Air = 1 at 20°C
Density	1.19 - 1.37 g/ml
Solubility	Water miscible
Partition coefficient; n-octanol/water	No data available
Autoignition Temp	No data available
Decomposition Temp	No data available
Viscosity	No data available
Molecular Formula	No data available
Molecular Weight	No data available
VOC Content(%)	No data available
Oxidizing properties	No data available

9.2 Other safety information

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

No additional information available

10.4 Conditions to avoid

No additional information available

10.5 Incompatible materials

Strong oxidizing agents. Mineral acids. Strong alkalis.

10.6 Hazardous decomposition products

May emit toxic fumes if mixed with strong acids.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information, Component Information

Acute toxicity

Not classified

Skin corrosion/irritation

Not classified

Serious eye damage/eye irritation

Not classified

Respiratory or skin sensitization

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Specific target organ toxicity - single exposure

Not classified

Specific target organ toxicity - repeated exposure

Not classified

Reproductive toxicity

Not classified

Chronic effects

Not information available

11.2 Additional Information

May cause respiratory irritation, skin irritation, gastrointestinal irritation, and direct contact with eyes may cause irritation.

SECTION 12: Ecological information

12.1 Toxicity

No additional information available.

12.2 Persistence and degradability

No additional information available.

12.3 Bio accumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1 Waste Disposal Methods

Dispose in a safe manner in accordance with local/state and national regulations. Do not discharge to public wastewater systems without permit of pollution control authorities.

SECTION 14: Transport information

DOT (US)	Not regulated
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IMDG	Not regulated
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IATA	Not regulated
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SECTION 15: Regulatory information

US federal regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

All components of this product are listed or are exempt.

CERCLA Hazardous Substance List (40 CFR 302.4)

This product does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA)

(40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 304 Emergency release notification

Not listed

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed

SARA 311/312 Hazardous

This product does not contain any chemicals which are subject to the reporting requirement of the Act and Title 40 of the Code of Federal Regulations, Part 372. All hazard categories are negative.

SARA 313 (TRI reporting)

This product does not contain any chemicals which are subject to the reporting requirement of the Act and Title 40 of the Code of Federal Regulations, Part 372. All hazard categories are negative.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

This product does not contain any substances regulated as pollutants pursuant to the Clean Air Act.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

This product contains no hazardous air pollutants.

Safe Drinking Water Act

Not listed

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Not listed

US state regulations

US. Massachusetts RTK - Substance List

Not listed

US. New Jersey Worker and Community Right-to-Know Act

Not listed

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed

California Proposition 65

This product does not contain any Proposition 65 chemicals.

SECTION 16: Other information

Date of Issue: 11/20/2025

SECTION 17: Disclaimer

The information provided on 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 guide for safe handling, use, processing, storage, transportation, disposal and release and 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.