

SAFETY DATA SHEET

HELENA LABORATORIES
1530 Lindbergh Dr.
Beaumont, TX 77707
USA Toll Free 800-231-5663

DATE PREPARED: 2/6/2024

REVISION: 4

1. IDENTIFICATION

Product Number: 5102

Product identifier used on the label: Alkaline Phosphatase Indolyl Blue Reagent Kit

Other means of identification:

Component Name	Component Number
Alkaline Phosphatase Indolyl Blue Reagent	500793
Alkaline Phosphatase Indolyl Blue Diluent	500794

Recommended use of the chemical and restrictions in use: For In-Vitro Diagnostic use.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Helena Laboratories
1530 Lindbergh Dr.
Beaumont, TX 77707
Tel: (409) 842-3714
USE Toll Free 800-231-5663

Emergency phone number:

(409) 842-3714

2. HAZARD IDENTIFICATION

Classification of the chemical:

Component Name	GHS Classification	Hazard Statement
Alkaline Phosphatase Indolyl Blue Reagent	Eye/Skin (Category 3)	Irritant

NOTE: All other components present no significant physical or chemical hazard.

Label elements:

Signal word: Warning

Precautionary statements:

Skin: May cause skin irritation.

Eye: May cause eye irritation.

Inhalation: May be harmful if inhale.

Ingestion: May be harmful if swallowed.

Wear protective gloves/protective clothing/ eye and face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	Chemical Name	CAS #	Concentration
Alkaline Phosphatase Indolyl Blue Reagent	5-Bromo-3-indolyl phosphate p-toluidine salt	Not available	<40%

NOTE: All other components present no significant physical or chemical hazard.

4. FIRST AID MEASURES

Description of first aid measures:

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact: Wash off with soap and plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician.

Ingestion: If swallowed rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide, or alcohol resistant foam.

Special hazards arising from the substance or mixture: Carbon dioxides, Nitrogen oxide, Hydrogen bromide gas, oxides of phosphorus.

Special protective equipment and precautions for firefighters: Wear proper protective equipment and self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear personal protective equipment. Pick up and transfer to container and transfer to container for proper disposal.

Methods and materials for containment and cleaning up: Do not allow material to enter drains/surface water/ground water.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment.

Conditions for safe storage, including any incompatibilities: Keep product at 2-8°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits (ACGIH TLV & OSHA PEL):

Chemical Name	ACGIH TLV	OSHA PEL
5-Bromo-3-indolyl phosphate p-toluidine salt	None	None

NOTE: All other components present no significant physical or chemical hazard.

Exposure controls:

Respiratory protection: Not required.

Skin protection: Wear appropriate protective gloves and suitable protective clothing.

Eye protection: Wear appropriate safety glasses or goggles.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Alkaline Phosphatase Indolyl Blue Reagent

Appearance: White to off-white powder

Odor: None

Odor threshold: No data available

pH: No data available

Melting point/Freezing point: No data available

Initial boiling point and range: Not applicable

Flash point: Not applicable

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available

Relative density: No data available

Solubility in water: Soluble

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical stability: Stable under normal condition

Possibility of hazard reaction: Hazardous polymerization does not occur

Conditions to avoid: No data available

Incompatible materials: Oxidizing agents

Hazard decomposition products: Hazard decomposition products formed under fire conditions: Carbon oxides, nitrogen oxides, Hydrogen bromide, oxides of phosphorus.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:**

Alkaline Phosphatase Indolyl Blue Reagent

LD 50 = No data available.

Carcinogenicity: Not listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Potential health effects:

Inhalation: May cause respiratory irritation.

Ingestion: May be harmful if swallowed.

Skin: Cause skin irritation.

Eye: Cause eye irritation.

12. ECOLOGICAL INFORMATION

Eco-toxicity: No data available

Persistence and degradability: No data available

Bio-accumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATION

Observe all federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (US): Not regulated

UN number:

UN proper shipping name:

Transport hazard class:

Packing group:

15. REGULATORY INFORMATION

US State Right to Know Laws: No information found

16. OTHER INFORMATION

SDS Creation date: 9/30/2015

Revision #: 4

Disclaimer

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Helena Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.