

Product: Instant-Bands Pre-Staining Protein Sample Loading Buffer

Revision: 1.1

Last update:

Section 1 - Product and Company Information	
Product Name	Instant-Bands Pre-Staining Protein Sample Loading Buffer
Company	EZBiolab, Inc. 1033 3rd Avenue SW, Suite 215 Carmel, IN 46032 USA
EMERGENCY CONTACTS:	Phone: 317-691-9450 Email: service@ezbiolab.com
Section 2 - Composition/Information on Ingredients	
Substance Name	Pre-Staining Protein Sample Loading Buffer
Section 3 - Hazards Identification	
<p>EMERGENCY OVERVIEW: May cause skin irritation and/or dermatitis Principle routes of exposure: Skin. Inhalation: May cause irritation of respiratory tract. Ingestion: May be harmful if swallowed. Skin contact: May cause allergic skin reaction. Eye contact: Avoid contact with eyes.</p> <p>Statements of hazard MAY CAUSE ALLERGIC SKIN REACTION. Statement of Spill or Leak - ANSI Label Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.</p> <p>For additional information on toxicity, please refer to Section 11.</p>	
Section 4 - First Aid Measures	
<p>General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</p>	

Inhalation

No known significant effects or critical hazards.

Skin contact

No known significant effects or critical hazards.

Ingestion

May be irritating to mouth, throat and stomach.

Eye contact

Causes eye irritation. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders

No information available.

Medical conditions aggravated by exposure

None known.

Section 5 - Fire Fighting Measures

FLASH POINT

N/A

AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

Suitable extinguishing media

Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Unusual hazards

None known.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods

Water mist may be used to cool closed containers.

NFPA rating

NFPA Health: 1

NFPA Flammability: 1

NFPA Reactivity: 0

Section 6 - Accidental Release Measures

Personal precautions

Use personal protective equipment.

Environmental precautions

Prevent product from entering drains.

Methods for cleaning up

Sweep up and shovel into suitable containers for disposal.

Section 7 - Handling and Storage

HANDLING

Use only in area provided with appropriate exhaust ventilation.

STORAGE

Store at -20°C (good for at least one year)

Safe handling advice

Wear personal protective equipment.

Incompatible products

None known.

Section 8 - Exposure Controls / PPE

Engineering measures

Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection

Breathing apparatus only if aerosol or dust is formed.

Hand protection

Pvc or other plastic material gloves.

Skin and body protection

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection

Safety glasses with side-shields.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Section 9 - Physical/Chemical Properties

Appearance:

Dark Liquid.

BP/BP Range	N/A
MP/MP Range	N/A
Vapor Pressure	N/A
Vapor Density	N/A
SG/Density	N/A
Bulk Density	N/A
Solvent Content	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp	N/A
Solubility	N/A
Section 10 - Stability and Reactivity	
<p>Stability Stable under recommended storage conditions.</p> <p>Polymerization None under normal processing.</p> <p>Hazardous decomposition products Nitrogen oxides (NOx)/ammonia/CN- , Sulphur oxides</p> <p>Materials to avoid No specific data.</p> <p>Conditions to avoid No specific data.</p>	
Section 11 - Toxicological Information	
<p>Product Information Acute toxicity Selected LD50s and LC50s Not Determined</p> <p>Chronic toxicity</p>	

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Local effects

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Specific effects

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

Primary irritation

No data is available on the product itself.

Carcinogenic effects

No data is available on the product itself.

Mutagenic effects

No data is available on the product itself.

Reproductive toxicity

No data is available on the product itself.

Section 12 - Ecological Information

Mobility

No data available

Bioaccumulation

No data available

Ecotoxicity effects

No data available

Aquatic toxicity

May cause long-term adverse effects in the aquatic environment.

Section 13 - Disposal Considerations

Waste from residues / unused products

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging

Do not re-use empty containers.

Section 14 - Transport Information

<p>Transport Regulation</p>	<p>UN/Id No: Not regulated DOT: Proper shipping name: Not Regulated</p> <p>U.S. DOT - Appendix A Table 1 - Reportable Quantities: Not Listed</p> <p>TDG (Canada): WHMIS hazard class: Non-controlled</p> <p>IMDG/IMO IMDG - Hazard Classifications :Not Applicable U.S. DOT - Appendix B - Marine Pollutan: Not Listed</p> <p>U.S. DOT - Appendix B - Severe Marine Pollutants: Not Listed</p> <p>Please contact EZBiolab, Inc. for further information on transportation.</p>
<p>Section 15 - Regulatory Information</p>	
<p>Regulation</p>	<p>International Inventories</p> <p>Inventory - United States TSCA - Sect. 8(b) : Not Listed Canada DSL Inventory List: Not Listed</p>
<p>Section 16 - Other Information</p>	
<p>DISCLAIMER For R&D use only. Not for drug, household or other uses.</p> <p>WARRANTY The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. EZBiolab, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.</p>	