

## Material Safety Data Sheet

### Section 1 Product and Company Identification

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**Product number:** P013  
**Product name:** SDS-PAGE Sample Loading Buffer  
**Unit Size:** 5 mL  
**Manufacturer/Supplier:** GeneCopoeia Inc  
9620 Medical Center Drive, Suite 101, Rockville, MD 20850, USA  
Tel: 1-301-762-0888, Fax: 1-301-762-3888  
Web: [www.genecopoeia.com](http://www.genecopoeia.com)

### Section 2 Hazardous Ingredients/Identity Information

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Chemical Name	CAS-No	EINECS-No	Weight %
SDS	Not Found	-	5-15
DTT	Not Found	-	0.1-1.0
Bromophenol blue	Not Found	-	0.01-0.1
Glycerol	Not Found	-	20-40

### Section 3 Physical and Chemical Properties

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**Form** Liquid  
**Appearance** No information available  
**Odor** No information available  
**Boiling point** No data available  
**Melting point** No data available  
**Flash point** No data available  
**Autoignition temperature** No data available  
**Oxidizing properties** No information available  
**Water solubility** Soluble

### Section 4 Potential Health Hazard Effects

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**Eyes** May cause eye irritation with susceptible persons.  
**Skin** May cause skin irritation in susceptible persons.  
**Inhalation** May be harmful by inhalation.  
**Ingestion** May be harmful if swallowed.  
**Carcinogenic effects** none  
**Reproductive toxicity** none  
**Sensitization** none

### Section 5 Stability and Reactivity Data

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**Stability** Stable under normal conditions.  
**Materials to avoid** No dangerous reaction known under conditions of normal use.  
**Hazardous decomposition** None under normal use.

**Polymerization**

Hazardous polymerization does not occur.

## Section 6 Toxicological and Ecological Information

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Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
SDS	No data available	No data available	No data available
DTT	No data available	No data available	No data available
Bromophenol blue	No data available	No data available	No data available
Glycerol	No data available	No data available	No data available

**Ecotoxicity effects**

No information available.

**Mobility**

No information available.

**Biodegradation**

Inherently biodegradable.

**Bioaccumulation**

Does not bioaccumulate.

## Section 7 Handling and Storage

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**Handling**

Always wear recommended Personal Protective Equipment. No special handling advice required.

**Storage**

Keep in a dry, cool and well-ventilated place.

## Section 8 First Aid Measures

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**Skin contact**

Rinse with plenty of water. If symptoms arise, call a physician.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

**Ingestion**

Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

**Inhalation**

Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.

## Section 9 Disposal Considerations

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Dispose of in accordance with local regulations.

## Section 10 Other Information

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For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**End of Material Safety Data Sheet**