

# MATERIAL SAFETY DATA SHEET

## Section 1—Product Identification and Use

**Product Name: 50X TAE Electrophoresis Buffer**

**Catalog #s: 9860-500; 9860-500-2**

*This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.*

Manufacturer's Name: Trevigen, Inc.  
Street Address: 8405 Helgerman Court  
City, Prov. Postal Code: Gaithersburg, MD 20877  
USA Fax: (301) 560-4973  
EMERGENCY PHONE: (301) 216-2800 Toll Free in North America: 1-800-TREVIGEN

## Section 2—Hazardous Ingredients

Hazardous Ingredients:

Product contains the following components:

CAS Registry Numbers	Chemical Name	Percentage
77-86-1	Tris-base	24
64-19-7	Acetic Acid	6
64-02-8	EDTA	2

## Section 3—Hazards Identification

HMIS Rating: Health: 0 Flammability: 0 Reactivity: 0 SARA Listed: No  
NFPA Rating: Health: 0 Flammability: 0 Reactivity: 0 SARA Listed: No

## Section 4—Fire and Explosion Hazard

Components of the kit are non-flammable. Not considered an explosion hazard.

Hazardous Combustion Products:

Thermal decomposition products may include toxic oxides of nitrogen and carbon.

## Section 5—Reactivity Data

Stable under ordinary conditions of use and storage. Keep in a tightly closed container, stored in a cooled, dry, ventilated area. Store at room temperature. Avoid contact with reducing agents, amines, strong acids, strong bases, and strong oxidizing agents.

Incompatibles:

*Tris-Base:* Copper, brass, aluminum, and strong oxidizing agents

*Acetic Acid:* Chromic acid, nitric acid, ethylene glycol, perchloric acid, phosphorous trichloride, oxidizers, sodium peroxide, strong caustics, most metals (except aluminum), carbonates, hydroxides, oxides, and phosphates

*EDTA:* Strong oxidizing agents.

## Section 6—Toxicological Properties

May cause irritation to skin, eyes, and respiratory tract. May be harmful if swallowed or inhaled. Dermatitis may follow skin contact.

Avoid contact and inhalation. Do not get in eyes, on skin on clothing. Wash thoroughly after handling.

## Section 7—Spill and Disposal

Wear chemical safety glasses or goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

- Contain and clean up spill using absorbents such as sand or vermiculite and place in closed containers for disposal.
- Disposal must be made in accordance with applicable federal, state, and local regulations.

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## Section 8—First Aid Measures

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- Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Ingestion: If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician.
- Skin: Flush skin with plenty of soap and water for at least 15 minutes.
- Eyes: Flush eyes with plenty of water for at least fifteen minutes, lifting lower and upper eyelids occasionally. Call a physician.

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## Section 9—Transport Information

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DOT

Proper shipping name: none

This product is considered non-hazardous for transport

IATA

Non-Hazardous for Air Transport

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## Section 10—Regulatory Information

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### UNITED STATES REGULATORY INFORMATION

SARA LISTED: No

### CADANA REGULATORY INFORMATION

**WHMIS CLASSIFICATION:** This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

**Prepared by:**  
Trevigen, Inc.  
Toll free in North America:  
1-800-TREVIGEN

**Phone#:**  
(301) 261-2800

**Created:**  
01/26/07

**Modified:**  
8/28/09

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Trevigen shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

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