

MATERIAL SAFETY DATA SHEET

Section 1—Product Identification and Use

Product Name: 50X TAE Electrophoresis Buffer

Product#: 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.
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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	5.7
64-02-8	EDTA	.74

Section 3—Physical Data

Clear, colorless solution

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 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: Oxidizing agents.

Section 6—Toxicological Properties

Causes irritation to skin, eyes, and respiratory tract. Harmful if swallowed or inhaled. Chronic 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.

*****MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES*****

- Contain and clean up spill immediately, prevent from entering floor drains. Contain liquids using absorbents.
- Shovel all spill materials into disposal drum. Scrub spill area with detergent, flush with copious amounts of water.
- Disposal must be made in accordance with applicable federal, state, and local regulations.

Section 8—First Aid Measures

- Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
- Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.
- Skin: Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
- Eyes: Immediately flush eyes with plenty of water for at least fifteen minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Section 9—Preparation

Prepared by:

Trevigen, Inc.

Toll free in North America:

1-800-TREVIGEN

Phone#:

(301) 216-2800

Created:

01/22/07

Modified:

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.