



MSDS – Product # REA-1001
25X TAE Dry Pack Electrophoresis Buffer
01/03/2005

PRODUCT IDENTIFICATION	PRODUCT: Tris/Acetate/EDTA Electrophoresis Buffer (25X Dry Pack makes 1 liter of 25X solution.) PRODUCT # REA-1001 MANUFACTURER: Bridge Bioscience Inc. Portsmouth NH, 603-766-5990. CHEMTREC: 800-424-9300			
PRODUCT COMPOSITION	CAS #	CHEMICAL NAME	CONCENTRATION of 25X SOLUTION	ENIECS#
	77-86-1	Tris (tris-hydroxymethyl-aminomethane)	1000 mM	201-064-4
	64-19-7	Acetic acid	1000 mM	233-139-2
	60-00-4	EDTA (ethylenediamine-tetraacetic acid)	25 mM	200-449-4
PHYSICAL DATA	White powder, no odor. Specific gravity : 2.16 g/cc pH @ 25°C: 8.3 +/- 0.1			
HAZARD DATA AND FIRST AID MEASURES	IRRITANT EYE: irritant, in case of contact rinse thoroughly with water and consult physician. SKIN: irritant, may cause local dermatitis, in case of contact wash thoroughly with soap & water, do not handle material with bare hands. Avoid all contact with clothing, properly dispose of all contaminated clothing. INGESTION: toxic, irritant, causes nausea, vomiting. Seek medical aid immediately. INHALATION: irritant, avoid breathing fumes.			
FIRE HAZARD DATA	Non-flammable, wear MSHA/NIOSH approved self-contained breathing apparatus. Flashpoint: N/A NFPA RATING: Not published. Hazardous decomposition products: nitrogen oxides, CO, CO ₂			
ACCIDENTAL RELEASE	Wear chemical safety goggles and gloves, collect material for disposal with absorbant material. May be disposed of by incineration in an approved device.			
EXPOSURE CONTROL	Chemical safety goggles as per 29 CFR 1910.133 Chemical resistant gloves Avoid contact with eyes, skin and clothing Wash thoroughly after exposure Use respiration protection devices that meet OSHA CFR 1910.134 and ANSI Z88.2 specifications.			
REACTIVITY	Stable at room temperature under normal conditions. Avoid contact with strong oxidizing agents.			
TOXICOLOGY	RTECS: TY2900000/AH4025000 LD50/LC50: UNLISTED. CARCINOGENICITY: Not listed by ACGIH, IARC, NIOSH. NTP or OSHA. No other data available			
ENVIRONMENTAL CONCERNS	Dispose of in a manner consistent with federal, state and local regulations. RCRA: No information available. Not listed as a RCRA land disposal banned material.			
HANDLING & STORAGE	Store at room temperature in a UV light resistant container. Avoid eye and skin contact. Wear protective eye-wear, gloves and clothing. Follow directions for use.			
TRANSPORT INFORMATION	No specific USDOT, IMO, IATA, RID/ADR or TDG information available. Constituent materials not listed at the concentrations occurring in these products. Contact Bridge Bioscience Corporation for additional transportation information:			
REGULATIONS	Federal: TCSA: ingredients listed, no ingredients have a SNUR under TCSA. SARA: None of the ingredients have a RQ, None of the ingredients have a TPO, None of the ingredients are listed under Section 313. CAA: This material does not contain any hazardous air pollutants or Class 1 or Class 2 ozone depletors. OSHA: None of the ingredients in this product are considered highly hazardous by OSHA at this product concentration. State RTK listings: none. European: No hazards symbols. Risk: not available.			
OTHER INFORMATION	The above information is believed correct as of the above date, but does not purport to be all inclusive and shall be used only as a guide. Bridge Bioscience Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.			