

PAGE-gel Transfer Buffer (10X) (Catalog# TBS5016)**DESCRIPTION**

Tris-Glycine Transfer Buffer (10X) is specially optimized for western blot transfer applications using Tris-Glycine gels. The transfer buffer can be reused at least five times and maintain a similar extent of protein transfer to PVDF membrane. Repeated use of the transfer buffer containing methanol will significantly reduce the volume of hazardous waste generated and its disposal cost as well as its adverse effect on environment.

1X Formulation: 192 mM Glycine, 25 mM Tris, 20% Methanol. Supplied at pH 8.3.

Directions for Use: Dilute transfer buffer (10X) to a 1000 mL 1X solution by add 100 mL 10x Transfer buffer, 700 mL ddH₂O and 200 mL Methonal. This product supplies enough material to make 10 liters of 1X solution.

Storage: Supplied as a 10X solution, 1000 mL. Store at room temperature.

This product is for *in vitro* research use only and is not intended for use in humans or animals.

This product is not intended for use as a therapeutic or in diagnostic procedures.

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Material Safety Data Sheet (MSDS)**Identification:**

Product name: PAGE-gel Transfer Buffer (10x)

Product Catalog: TBS5016

Manufacturer Supplier:

4062 Fabian Way, Suite 1, Palo Alto,
CA 94303 USA

1-650-917-9269 TEL

1-650-618-5498 FAX

Composition/Information on Ingredients:

All other ingredients are less than 1% and are therefore considered not to be hazardous according to OSHA 29CFR 1200.

Ingredient Name **CAS#** **Percent**

Tris base 77-86-1 <1%

Glycine 56-40-6 <1%

Hazard Identification:

Irritant. Irritating to eyes, respiratory system, skin.

To the best of our knowledge, the chemical, physical, and toxicological properties of this buffer solution have not been thoroughly investigated.

First Aid Measures:

Inhalation: Remove to fresh air. If breathing is difficult, get medical attention.

Ingestion: If person is conscious, wash out mouth with water. Get medical attention.

Skin exposure: Wash skin with soap and water. If irritation develops or persists, get medical attention.

Eye exposure: Immediately flush eyes water for at least 15 minutes. Get medical attention.

Handling And Storage:

Store at room temperature in tightly closed container. Avoid contact with eyes, skin, and clothing.

Wash thoroughly after handling.

Toxicological Information:**Routes of Exposure:**

Skin Exposure: May cause skin irritation. May be harmful if absorbed through skin.

Eye Exposure: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membrane and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Other Information:

This compound is sold only for research use by personnel familiar with chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory. No other use is intended.

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide for experienced personnel, Tribioscience Inc. shall not be held liable for any damage resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.

RELATED PRODUCTS:

10x SDS-PAGE running buffer (catalog# TBS5015)

Cell Lysis Buffer (catalog# TBS5001)

RIPA Buffer (catalog# TBS5017)