

# Trypan Blue Solution 0.4%

4.0 g/L trypan blue, in saline

CATALOG NO. 59410

## Section I – Product Identification

**Product Name:**

Trypan Blue Solution 0.4%, 4.0 g/L trypan blue, in saline

**Product Number:**

59410

**CAS Number:**

72-57-1

**Product Classification:**

Cell Culture Reagent

**Synonyms:**

Direct Blue, Benzamine Blue, Congo Blue, Naphthylamine, Niagara Blue

## Section II – Physical Data

**Appearance:**

Clear dark blue solution

**pH:**

7.0 - 7.4

## Section III – Hazardous Ingredients

Section Not Applicable.

## Section IV – First Aid

In case of contact with eyes, flush thoroughly with water and contact a physician. In case of accidental swallowing, rinse the mouth with fresh water, provided the person is conscious. Contact a physician. If inhaled, remove to fresh air. If breathing becomes difficult, contact a physician. In case of contact with skin, wash the affected area with copious quantities of soap and water. Should irritation occur, contact a physician.

## Section V – Fire and Explosion Hazard Data

**Extinguishing Media:**

Water spray, dry chemical powder or appropriate foam. Toxic fumes may be released upon combustion.

## Section VI – Health (Toxicological) Hazard Data

This product is a potential irritant to eyes, respiratory system and skin. The product may also be harmful if ingested. This product is a potential carcinogen. Reproductive disorders have been reported in laboratory animals following overexposure. Complete toxicological properties have yet to be determined.

**United States**

JRH Biosciences, Inc.  
13804 W. 107th Street  
Lenexa, Kansas 66215  
USA  
Phone +1 913-469-5580  
Toll free-USA 1 800-255-6032  
Fax +1 913-469-5584  
E-mail info-us@jrhbio.com

**Europe**

JRH Biosciences Ltd.  
Smeaton Road, West Portway  
Andover, Hampshire SP10 3LF  
UNITED KINGDOM  
Phone +44 (0)1264-333311  
Fax +44 (0)1264-332412  
E-mail info-eu@jrhbio.com

**Asia Pacific**

JRH Biosciences Pty. Ltd.  
18-20 Export Drive  
Brooklyn, Victoria 3025  
AUSTRALIA  
Phone +61 (0)3-9362-4500  
Toll free-AUS 1 800-200-404  
Fax +61 (0)3-9315-1656  
E-mail info-ap@jrhbio.com

## Section VII – Stability and Reactivity

Incompatible with strong oxidizing agents. Carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides released as toxic fumes upon combustion or decomposition.

## Section VIII – Special Protection Information

### Eye Protection:

Safety glasses or goggles recommended.

### Protective Gloves:

Chemical-resistant gloves recommended.

### Respiratory Protection:

Not required under normal product usage.

### Ventilation:

Not required under normal product usage.

### Other Protection Equipment:

Safety shower and eye bath.

## Section IX – Handling and Storage Precautions/Comments

### Store at:

15 to 30 C. Protect from light.

### Intended Use:

For research use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

## Section X – Spill or Leak Procedures

### Spill:

Wear respirator, safety goggles and chemical-resistant gloves. Absorb on sand, vermiculite or other absorbent material. Place in a closed container and hold for waste disposal. Wash and ventilate area thoroughly after clean-up is complete.

### Waste Disposal:

Combine the material with combustible solvent and burn in an appropriately equipped chemical incinerator. Follow all Federal, state and Local regulations for chemical waste disposal.

## Section XI – Disclaimer

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### United States

JRH Biosciences, Inc.  
13804 W. 107th Street  
Lenexa, Kansas 66215  
USA  
Phone +1 913-469-5580  
Toll free-USA 1 800-255-6032  
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[www.jrhbio.com](http://www.jrhbio.com)