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# SAFETY DATA SHEET

Applies to part numbers: R-03190-D10

## Section 1 Product and company identification

Product name: **AdvanStain™ Trypan Blue Cell Viability Staining Solution, 2x concentrate**  
Supplier: Advansta Inc.  
Address: 2140 Bering Drive  
San Jose, CA 95131

Recommended Use: For research use only.

Restrictions on Use: Not for clinical use. Not for internal use in animals or humans. Not for diagnostic use. Not for household or any other unintended use.

## Section 2 Hazards identification

EMERGENCY OVERVIEW:

HMIS RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

NFPA RATING	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

For additional information on toxicity, please refer to Section 11.

## Section 3 Composition/Information on Ingredients

Ingredient	CAS #	%
Trypan Blue	72-57-1	<1

## Section 4 First Aid Measures

ORAL EXPOSURE: If swallowed, wash out mouth with water provided person is conscious. Call a physician.  
INHALATION EXPOSURE: If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.  
DERMAL EXPOSURE: In case of contact, immediately wash skin with soap and copious amounts of water.  
EYE EXPOSURE: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

## Section 5 Fire Fighting Measures

FLASH POINT: N/A  
AUTOIGNITION TEMP: N/A  
FLAMMABILITY: N/A  
EXTINGUISHING MEDIA:

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.  
Not suitable: not known

FIREFIGHTING: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

## Section 6 Accidental Release Measures

METHODS FOR CLEANING UP: Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## Section 7 Handling and Storage

HANDLING

User Exposure: Avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

STORAGE

Suitable: Keep tightly closed. Store at 2-25°C

## Section 8 Exposure Controls / PPE

### PERSONAL PROTECTIVE EQUIPMENT

Respiratory: Respiratory protection is not required. Where protection is desired.

Hand: Protective gloves.

Eye: Chemical safety goggles.

### GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

## Section 9 Physical and chemical properties

Appearance Physical State: Blue Liquid, water-based, pH 7.4

Solvent Content N/A

## Section 10 Stability and Reactivity

### STABILITY

Stable under normal conditions.

### HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition Products: Nature of decomposition products not known.

### HAZARDOUS POLYMERIZATION

Hazardous Polymerization: Will not occur

## Section 11 Toxicological Information

### ROUTE OF EXPOSURE

Skin Contact: May cause skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

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

Ingestion: May be harmful if swallowed.

### SIGNS AND SYMPTOMS OF EXPOSURE

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

## Section 12 Ecological Information

No known significant effects or critical hazards.

## Section 13 Disposal Considerations

### APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION

Observe all federal, state, and local environmental regulations.

Within the present knowledge of the supplier, this product is not regarded as hazardous waste

## Section 14 Transport Information

### DOT

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

### IATA

Non-Hazardous for Air Transport: Non-hazardous for air transport.

## Section 15 Regulatory Information

### SARA 313

This product contains the following toxic chemical(s) subject to the notification requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986. This law requires certain manufacturers to report on annual emissions of specified chemicals and chemical categories. Please note that if you repackage, or otherwise redistribute, this product to industrial customers, a notice similar to this one should be sent to those customers.

<b>Chemical Name</b>	<b>CAS No.</b>	<b>Weight-%</b>	<b>SARA 313 – Threshold Values- %</b>
Trypan Blue	72-57-1	<1	0.1

## Section 16 Other information

Date of last revision: July 9, 2025.

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.