

# SAFETY DATA SHEET

## Section 1 – Identification

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Product Name TetraZ Cell Counting Kit

Catalog No. 424501

Recommended Use Research use only

Company BioLegend  
Street Address 9727 Pacific Heights Blvd  
City, State, Zip, Country San Diego, CA 92121 US

Phone 858-455-9588  
Emergency Number In case of a chemical emergency, spill, fire, or exposure,  
+1-858-455-9588 (7:00AM – 5:00PM PDT, M-F)

### Principal demands according to Art. 32 REACH

Registration number(s) --

Authorization none

Restrictions none

## Section 2 – Hazards Identification

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### 2.1 Hazard Classification

Not classified

### 2.2 GHS Label elements, including precautionary statements

Pictogram None

Signal Word None

Hazard Statement None

Precautionary Statement None

## Section 3 – Composition/Information on Ingredients

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Component	CAS	EINECS	EU Index	Concentration
WST-8	193149-74-5	--	--	<1%
Methoxy PMS	65162-13-2	--	--	<1%

## Section 4 – First Aid Measures

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### 4.1 Description of first aid measures

**General information:** May be harmful by inhalation, ingestion, or skin absorption. Causes eye and skin irritation. Material is irritating to mucous membranes and upper respiratory tract.

**After inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**After skin contact:** Immediately remove contaminated clothes, and wash with soap and copious amounts of water. Discard contaminated clothing and shoes.

**After eye contact:** In case of contact with eyes, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers.

**After swallowing:** If ingested, wash out mouth with water. Call a physician.

**Symptoms:** Contact may cause skin irritation. Contact may cause eye irritation.

## Section 5 – Fire-Fighting Measures

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**5.1 Suitable extinguishing agents:** Carbon dioxide, dry chemical powder, foam, water.

**5.2 Special hazards caused by the material, its products of combustion or resulting gases:** Fire may produce irritating or poisonous gases.

**5.3 Special protective equipment and precautions for fire-fighters:** Wear protective clothing, respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

**Hazardous combustion materials:** No data available.

## Section 6 – Accidental Release Measures

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**6.1 Personal precautions, protective equipment, and emergency procedures:** Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Evacuate area.

**6.2 Environment precautions:** Prevent entry into waterways, drains, soil, and sewers.

**6.3 Measures for cleaning/collecting:** . Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete. Avoid raising dust.

### 6.4 Additional information:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## Section 7 – Handling and Storage

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**7.1 Information for safe handling:** Wear appropriate NIOSH / MSHA-approved respirator, chemical-safety goggles, chemical-resistant gloves, other protective clothing. Mechanical exhaust required. Use only in a chemical fume hood Safety shower and eye bath. Face shield. Do not breathe dust. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling. Irritant. Avoid all contact. Avoid prolonged or repeat.

**7.2 Conditions for safe storage, including any incompatibilities:** Keep tightly closed. Protect from light. Store in a cool (0-5°C.) dark and dry place.

## Section 8 – Exposure controls/personal protection

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### 8.1 Exposure Limits

No data

### 8.2 Exposure Controls

#### Engineering Controls

Use only with chemical fume hood.

#### Personal protective equipment

##### General protective and hygienic measures

Keep away from foodstuffs, beverages, and feed.

Wash hands, face, and exposed forearms/areas after handling.

Wash contaminated clothing before reusing.

Ensure eyewash stations and safety showers are in close proximity to workstation.

**Breathing equipment:** NIOSH / MSHA-approved respirator.

**Protection of hands:** Chemical resistant gloves.

**Eye protection:** Safety goggles.

**Body protection:** Protective work clothing (lab coat).

## Section 9 – Physical and Chemical Properties

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Appearance	Red liquid
Odor	No Data Available
Odor Threshold	No Data Available
pH	No Data Available
Melting point/freezing point	No Data Available
Boiling point	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability	No Data Available
Upper explosion limit	No Data Available
Lower explosion limit	No Data Available
Vapor pressure	No Data Available
Vapor density	No Data Available
Relative density	No Data Available
Solubility	Soluble
Partition coefficient	No Data Available

Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive Properties	No Data Available
Oxidizing Properties	No Data Available

## Section 10 – Stability and Reactivity

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### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under normal and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

Heat, sunlight, high temperature.

### 10.5 Incompatible materials

Strong oxidizing agents, strong acids and strong bases.

### 10.6 Hazardous decomposition products

When decomposed, it may emit toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides.

### 10.5 Additional information

Hazardous Polymerization: Will Not Occur

## Section 11 – Toxicological Information

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### 11.1 Information on toxicological effects

Routes of Entry	Ingestion, inhalation, skin and eye contact.
Acute Toxicity	No data available
Skin Corrosion/Irritation	Contact may cause skin irritation
Serious eye damage/irritation	Contact may cause eye irritation
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT-single exposure	No data available
STOT-repeated exposure	No data available
Aspiration hazard	No data available

## Section 12 – Ecological Information

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Environmental Toxicity	No Data Available
Aquatic Toxicity	No Data Available

Persistence and degradability	No Data Available
Bioaccumulative potential	No Data Available
Mobility in soil	Water soluble
Results of PBT and vPvT assessment	No data available

### Section 13 – Disposal Considerations

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Minimize waste as much as possible.  
Disposal must be made according to state and federal regulations.  
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### Section 14 – Transport Information

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#### **DOT (Ground)**

Not regulated

#### **IMDG**

Not regulated

#### **IATA**

Not regulated

#### **ADR**

Not regulated

#### **ADN**

Not regulated

#### **RID**

Not regulated

### Section 15 – Regulatory Information

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**15.1 Product related hazard information:** The product has been classified and marked in accordance with regulations on hazardous materials.

### Section 16 – Other information

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To the best of our knowledge, the information contained herein is accurate. However, neither BioLegend, nor any of its subsidiaries assumes any liabilities 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.

Department issuing MSDS: Safety & Environment Department  
Contact: Technical Service Representative