

# TREVIGEN®

## MATERIAL SAFETY DATA SHEET

### PRODUCT INFORMATION

PRODUCT NAME: **TACS-Nuclease™ Buffer**

CATALOG NUMBERS: **4800-30-16**; 4810-30-K; 4811-30-K; 4812-30-K; 4815-30-K; 4817-60-K; 4822-30-K; 4823-30-K; 4826-30-K; 4827-30-K; 4828-30-BK; 4828-30-DK; 4828-30-N; 4829-30-K

Physical State: 1 M Tris-buffered Liquid, pH = 8.0, with magnesium chloride (MgCl<sub>2</sub>) and Bovine Serum Albumin

### COMPOSITION

tris(hydroxymethyl)aminomethane-HCl	CAS#: 000077861	SARA: No
magnesium chloride (MgCl <sub>2</sub> )	CAS#: none	SARA: No
Bovine Serum Albumin (BSA)	CAS#: 9048-46-8	SARA: No

### EMERGENCY OVERVIEW

HMIS RATING	HEALTH: 1	FLAMMABILITY: 0	PHYSICAL HAZARD: 0
NFPA RATING	HEALTH: 0	FLAMMABILITY: 0	REACTIVITY: 0

### HAZARDS IDENTIFICATION

Label Precautionary Statements: Not expected to cause adverse health effects when the recommended instructions for use are followed. As a precaution, avoid inhalation, contact with eyes, skin and clothing, and prolonged or repeated exposure.

### 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.

### PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear laboratory coat, safety goggles, rubber boots, and rubber gloves.

### 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.

### HANDLING

Storage: 4 °C

### STORAGE

Suitable: Keep tightly closed.

### STABILITY

Stable: Stable.  
Materials to Avoid: Strong Oxidizing agents.  
Hazardous decomposition products: Carbon oxides; nitrogen oxides.

### ROUTE OF EXPOSURE

Inhalation:	Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Skin:	May cause skin irritation.
Eyes:	May cause eye irritation.
Ingestion:	May be harmful if swallowed.

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**FIRST AID**

In case of contact: Immediately wash with plenty of soap and water.

In case of eye contact: Flush eyes with water for at least 15 minutes. Consult a physician.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

If Inhaled: Call a physician if breathing is difficult.

**DISPOSAL**

Absorb on sand or vermiculite and place in closed containers for disposal. Observe all federal, state, and local environmental regulations.

**TRANSPORT INFORMATION**

DOT: Not Hazardous

IATA: Not Hazardous

**REGULATORY INFORMATION:****US CLASSIFICATION AND LABEL TEXT:**

SARA: Not Listed

**CANADA CLASSIFICATION:**

**WHMIS:** This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: Yes.

NDSL: No

For research use only; not for drug, household, or other uses.

The above information is believed to be correct, however, the physical, chemical, and toxicological properties of the product may not yet have been fully characterized. Trevigen recommends the use of gloves, lab coats and eye protection while using or handling this product. Trevigen assumes no liability for damage resulting from handling or contact with the above product.