



# DATA SHEET

## PRODUCT INFORMATION

PRODUCT NAME: Lysis Solution  
CATALOG NUMBERS: 4250-010-01; 4250-050-01

## INGREDIENTS:

	CAS-No:	EC-No:	Index-No.	SARA 313
TRIS-EDTA buffer (solution)	None	...-	-	No
SODIUM CHLORIDE (solution)	None	...-	-	No
SODIUM LAURYL SULFATE (solution)	None	...-	-	No
Trinton-X 100 (1% solution)	9002-93-1			No

## EMERGENCY OVERVIEW

**TARGET ORGANS: Eyes, Skin**

### OSHA Hazards

Hazardous, do not ingest. Irritant.

HMIS RATING	HEALTH: 2	FLAMMABILITY: 1	REACTIVITY: 1
NFPA RATING	HEALTH: 2	FLAMMABILITY: 1	REACTIVITY: 1

## POTENTIAL HEALTH EFFECTS

**Inhalation** Harmful if inhaled. Causes respiratory tract irritation.  
**Skin** Harmful. Readily absorbed through skin. Causes skin irritation.  
**Eyes** Causes serious eye damage.  
**Ingestion** Harmful if swallowed.

## FIRST AID MEASURES

**ORAL EXPOSURE:** If swallowed, rinse mouth with water provided person is conscious. Contact Physician  
**INHALATION EXPOSURE:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Contact Physician  
**DERMAL EXPOSURE:** In case of contact, immediately wash skin with soap and water. Contact Physician  
**EYE EXPOSURE:** In case of contact, cautiously flush eyes with water for 15 minutes. Remove contact lenses, if present and easy to do. Contact Physician

## 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 laboratory rubber gloves. Use proper glove removal techniques (don't allow skin or eye contact with the outside of the gloves during removal). Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Avoid breathing vapors, mist, or gas.

## METHODS FOR CLEANING UP

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

## DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.  
Dispose of as unused product.

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## CHEMICAL STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Materials to Avoid: Strong Acids, Strong Bases, Strong Oxidizing agents.

### Hazardous decomposition products

Nature of decomposition products under fire conditions: Carbon oxides.

## ROUTE OF EXPOSURE

**Skin Contact:** Causes skin irritation. Harmful if absorbed through the skin.

**Eye Contact:** Causes eye irritation.

**Inhalation:** Causes respiratory tract irritation. Harmful if inhaled.

**Ingestion:** Harmful if swallowed.

**TARGET ORGANS:** Eyes. Skin. Readily absorbed through skin.

## TRANSPORTATION

### DOT:

UN-Numbers: NA1993/3082      Class:9      Packing group: III

Proper shipping name: Environmentally hazardous substances, liquid.

Marine pollutant

Poison Inhalation Hazard: No.

### IDGM:

UN-Numbers: NA1993/3082      Class:9      Packing group: III

Proper shipping name: Environmentally hazardous substances, liquid.

Marine pollutant

### IATA:

UN-Numbers: NA1993/3082      Class:9      Packing group: III

Proper shipping name: Environmentally hazardous substances, liquid.

## US CLASSIFICATION AND LABEL TEXT

**Indication of Danger:** Harmful

**Risk Statements:** Harmful if Swallowed. Irritating to Eyes, Respiratory System and Skin.

**Safety Statements:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

### SARA 302 Components:

No chemicals in the material are subject to the reporting requirements of SARA Title III, Section 302

### SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### SARA 311/312 Hazards

Acute Health Hazard

### Massachusetts Right to Know Components

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right to Know Components

p-tertiary-Octylphenoxy polyethyl alcohol

CAS-No.  
9002-93-1

### New Jersey Right to Know Components

p-tertiary-Octylphenoxy polyethyl alcohol

CAS-No.  
9002-93-1

### California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive harm.

**OTHER INFORMATION**

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.

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