

# TREVIGEN<sup>®</sup>

## Material Safety Data Sheet

PRODUCT NAME: **DEA [6,9-Diamino-2-EthoxyAcridine Lactate Monohydrate]**

CATALOG NUMBER: **4680-096-03**

### POTENTIAL HEALTH EFFECTS

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation. May be harmful if absorbed through the skin.

**Ingestion:**

May cause irritation of the digestive tract. May be harmful if swallowed.

**Inhalation:**

May cause respiratory tract irritation. May be harmful if inhaled.

**Chronic:**

Not available.

### FIRST AID MEASURES

**Eyes:**

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**Skin:**

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.

**Ingestion:**

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

**Inhalation:**

Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

### FIRE FIGHTING MEASURES

**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**Extinguishing Media:**

Use agent most appropriate to extinguish fire.

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## ACCIDENTAL RELEASE MEASURES

### General Information:

Use proper personal protective equipment as indicated above.

### Spills/Leaks:

Clean up spills immediately, observing precautions in the Protective Equipment section.

## HANDLING and STORAGE

### Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

### Storage:

Store in a cool, dry place. Keep container closed when not in use.

## EXPOSURE CONTROLS, PERSONAL PROTECTION

### Engineering Controls:

Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

### Personal Protective Equipment:

#### Eyes:

Wear chemical goggles.

#### Skin:

Wear appropriate protective gloves to prevent skin exposure.

#### Clothing:

Wear appropriate protective clothing to minimize contact with skin.

#### Respirators:

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

## PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	yellow
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	Not available.
Autoignition Temperature:	Not available.
Flash Point:	Not available.

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Explosion Limits, lower: Not available.  
Explosion Limits, upper: Not available.  
Molecular Formula: C<sub>15</sub>H<sub>15</sub>N<sub>3</sub>O.C<sub>3</sub>H<sub>6</sub>O<sub>3</sub>.H<sub>2</sub>O  
Molecular Weight: 361.39

## STABILITY AND REACTIVITY

### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Strong oxidants.

### Incompatibilities with Other Materials:

Not available.

### Hazardous Decomposition Products:

Irritating and toxic fumes and gases.

### Hazardous Polymerization: Not available.

## TOXICOLOGICAL INFORMATION

### RTECS#:

CAS# 6402-23-9 unlisted.

### LD50/LC50:

Not available.

### Carcinogenicity:

6,9-Diamino-2-ethoxyacridine lactate -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

## DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

## TRANSPORT INFORMATION

### IATA

No information available.

### IMO

No information available.

### RID/ADR

No information available.

## REGULATORY INFORMATION

### European/International Regulations

### European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

### Risk Phrases:

Safety Phrases: S 24/25 Avoid contact with skin and eyes.

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WGK (Water Danger/Protection)

CAS# 6402-23-9: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 6402-23-9 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits:

US FEDERAL TSCA: CAS# 6402-23-9 is not listed on the TSCA inventory.

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.