

# Penetrexx

## SECTION 1. IDENTIFICATION

**Product Identifier** Penetrexx  
**Other Means of Identification** EPA Registration Number 92057-3  
**Manufacturer** Clearstream Technologies, 2915 Whitehall Park Drive, Suite 700, Charlotte, NC, 28273, USA, 855-877-5262  
**Emergency Phone No.** Chemtrec, 800-424-9300  
Outside of USA, 1-703-527-3887  
**SDS No.** 0283

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Eye irritation - Category 2B

### Label Elements

Signal Word:

Warning

Hazard Statement(s):

H320 Causes eye irritation.

Precautionary Statement(s):

Prevention:

P264 Wash hands and skin thoroughly after handling.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice or attention.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name   | CAS No.    | % | Other Identifiers | Other Names |
|---|------------|---|-------------------|-------------|
| 1-Octadecanaminium, N,N-dimethyl-N-(3-(trimethoxysilyl)propyl)-, chloride | 27668-52-6 | 1 |                   |             |

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Get medical advice or attention if you feel unwell or are concerned.

#### Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

#### Eye Contact

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Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

#### **Ingestion**

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

#### **Suitable Extinguishing Media**

Water spray. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

### **Specific Hazards Arising from the Product**

None known.

### **Special Protective Equipment and Precautions for Fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment, and Emergency Procedures**

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### **Environmental Precautions**

It is good practice to prevent releases into the environment.

### **Methods and Materials for Containment and Cleaning Up**

Place used absorbent into suitable, covered, labelled containers for disposal.

## **SECTION 7. HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Wear personal protective equipment to avoid direct contact with this chemical.

### **Conditions for Safe Storage**

Keep in a dry, cool and well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Keep out of the reach of children.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Appropriate Engineering Controls**

General ventilation is usually adequate.

### **Individual Protection Measures**

#### **Eye/Face Protection**

Safety glasses.

#### **Skin Protection**

Wear chemical protective clothing e.g. gloves, aprons, boots.

#### **Respiratory Protection**

In case of insufficient ventilation wear suitable respiratory equipment.

## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

### **Basic Physical and Chemical Properties**

|                                     |                       |
|-------------------------------------|-----------------------|
| <b>pH</b>                           | 4 - 6 (100% solution) |
| <b>Flash Point</b>                  | > 93 °C (200 °F)      |
| <b>Relative Density (water = 1)</b> | 0.975 - 1.025         |
| <b>Solubility</b>                   | Soluble in water      |

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## Other Information

### Other Physical Property 1

Appearance: clear to straw with some cloudiness and sedimentation

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions of use.

### Chemical Stability

Normally stable.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Strong oxidizers.

### Incompatible Materials

Avoid contact with strong oxidizing agents.

### Hazardous Decomposition Products

Oxides of carbon, silicon and nitrogen.

## SECTION 11. TOXICOLOGICAL INFORMATION

Oral ATEmix = 378947.4 mg/kg

1.28% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (oral)

Dermal ATEmix = 799999.9 mg/kg

1.38% of the mixture consists of an ingredient or ingredients of unknown acute toxicity (dermal).

### Serious Eye Damage/Irritation

Causes eye irritation.

## SECTION 12. ECOLOGICAL INFORMATION

### Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent.

### Bioaccumulative Potential

This product and its degradation products are not expected to bioaccumulate.

### Mobility in Soil

No information was located.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

**Special Precautions** Not applicable

### Transport in Bulk according to International Maritime Organization Instruments

Not applicable

## SECTION 15. REGULATORY INFORMATION

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## Safety, Health and Environmental Regulations

THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372 THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372.

### USA

#### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

#### Additional USA Regulatory Lists

California Proposition 65: methanol <0.2%.

SARA Title III - Section 313:

methanol RQ (5000 lbs)

product (2,500,000 lbs).

## SECTION 16. OTHER INFORMATION

|                            |                   |                         |                        |
|----------------------------|-------------------|-------------------------|------------------------|
| <b>NFPA Rating</b>         | <b>Health - 1</b> | <b>Flammability - 0</b> | <b>Instability - 0</b> |
| <b>Date of Preparation</b> | February 23, 2021 |                         |                        |

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