

# Material Safety Data Sheet

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## Section 1: Chemical Product and Company Identification

Date Prepared: 12/06/2011  
Catalog Code: **2435C**  
Product: **PolyLink EDAC**  
Supplier: Bangs Laboratories, Inc. / A Division of Polysciences, Inc.  
9025 Technology Drive  
Fishers, Indiana 46038

## Section 2: Composition / Information on Ingredients

<u>Item#</u>	<u>Name</u>	<u>CAS#</u>	<u>% in Product</u>
1	1,3-Propanediamine, N'-(ethylcarbonimidoyl)-N, N-dimethyl-, monohydrochloride	025952538	100.0

## Section 3: Hazard Identification

Causes skin, eye, and respiratory tract irritation. May cause allergic respiratory reaction.

Hazard Ratings: These ratings are Bangs Laboratories, Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49). If no data is listed, the information is not available.

Health	Flammability	Reactivity
2	1	0

## Section 4: First Aid Measures

Brush off the skin. Flush eyes with flowing water for at least 15 minutes. If swallowed, DO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink. Call a physician or the Poison Control Center immediately. Never give anything by mouth to an unconscious person. Separate eyelids with finger tips. Wash skin with deluge of water for at least 15 minutes.

## SECTION 5: Fire Fighting Measures

Flash Point, deg. F:	no data
Method:	no data
UEL:	no data
LEL:	no data
Autoignition Temperature, deg. F:	no data
Flammability:	no data
Flame Propagation:	no data
Hazardous Combustion Products:	nitrogen oxides

## Section 6: Accidental Release Measures

Any information given below is considered to be in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition source from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

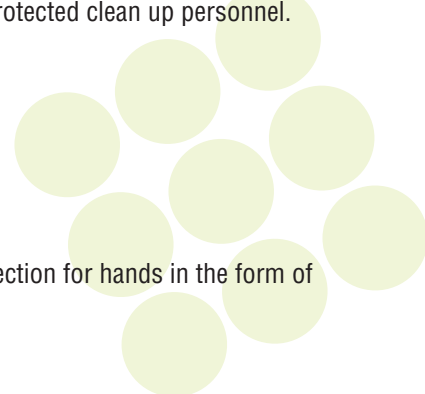
*No special measures are indicated.*

## Section 7: Handling and Storage

Keep away from moisture. Store at -20°C.

## Section 8: Exposure Controls and Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of



gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

*Use chemical splash goggles and face shield. Use latex or equivalent gloves. Use process enclosures, local exhaust ventilation, or other engineering controls.*

### **Section 9: Physical and Chemical Properties**

Formula: C<sub>8</sub>H<sub>17</sub>N<sub>3</sub>.CIH  
Vapor Pressure: <1mm Hg  
Formula Weight: 191.7  
Vapor Density: >1  
Boiling Point: no data  
Specific Gravity: 1  
Melting Point: 234°F  
pH: 7  
Solubility: >20%  
Appearance: white crystalline powder

### **Section 10: Stability and Reactivity**

Chemical Stability: stable  
Conditions to Avoid: none  
Incompatibility with Other Materials: oxidizers; acids; water; oxygen  
Hazardous Decomposition Products: none  
Hazardous Polymerization: will not occur

### **Section 11: Toxicological Information**

Acute Data: no data  
Subchronic Data: may cause sensitivity to other chemicals; may aggravate asthma

### **Section 12: Ecological Information**

no data

### **Section 13: Disposal Considerations**

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number, the substance may be subject to special federal and state disposal regulations. If no codes are listed, the material must be disposed of in compliance with all Federal, State, and Local Regulations.

<u>CAS#</u>	<u>Waste Code</u>	<u>Regulated Name</u>
025952538	not listed	not listed

### **Section 14: Transport Information**

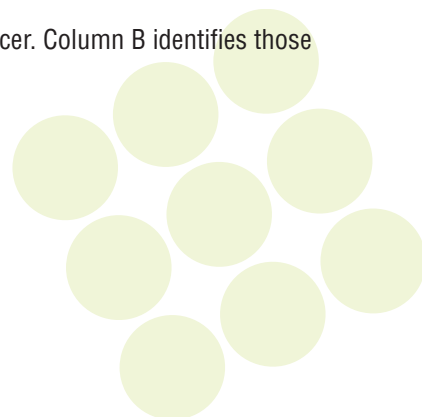
Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

### **Section 15: Regulatory Information**

All components of this product are on the TSCA public inventory.

*Prop 65:* Column A identifies those items which are known to the State of California to cause cancer. Column B identifies those which are known to the State of California to cause reproductive toxicity.

<u>CAS#</u>	<u>Column A</u>	<u>Column B</u>
025952538	no	no



**Section 16: Other Information**

BANGS LABORATORIES, INC. provides the information contained herein in good faith, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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**END OF MSDS**