

## 1. Product and Company Identification

**Product Code:** 161201  
**Product Name:** Epic  
**Company Name:** IBA  
 27 Providence Rd.  
 Millbury, MA 01527  
**Phone Number:** 1 (508)865-6911  
**Emergency Contact:** Chemtrec 1 (800)424-9300

## 2. Hazards Identification

**Acute Toxicity: Oral, Category 4**  
**Serious Eye Damage/Eye Irritation, Category 2A**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** Causes serious eye irritation.  
 Harmful if swallowed.  
**GHS Precaution Phrases:** Keep out of reach of children.  
 Read label before use.  
 Wash hands thoroughly after handling.  
 Wear rubber gloves, chemical goggles, and rubber apron.  
**GHS Response Phrases:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. If eye irritation persists, get medical advice/attention.  
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.  
 Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300.  
**GHS Storage and Disposal Phrases:** Dispose of contents/container in accordance to local, state and federal regulations.  
 Store locked up.

**Hazard Rating System:**

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL</b>		<b>0</b>
<b>PPE</b>		<b>B</b>

**HMIS:**

**Potential Health Effects**  
**(Acute and Chronic):**

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
11096-42-7	Poly(oxy-1,2-ethanediyl), .alpha.-(Nonylphenyl)-.omega.-hydr	2.5 %
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecane	0.50 - 0.55 %

## 4. First Aid Measures

### Emergency and First Aid Procedures:

- In Case of Skin Contact:** For ready-to-use products, wash any sensitive areas.
- In Case of Eye Contact:** Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- In Case of Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Drink large amounts of water. If vomiting occurs keep airways open. Keep head lower than the hips to prevent aspiration into the lungs. Get medical advice/attention.

## 5. Fire Fighting Measures

- Flash Pt:** No data.
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.

## 6. Accidental Release Measures

- Protective Precautions, Protective Equipment and Emergency Procedures:** Rubber or neoprene gloves, Safety glasses. Wear chemical protective clothing.
- Steps To Be Taken In Case Material Is Released Or Spilled:** Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations.

## 7. Handling and Storage

- Precautions To Be Taken in Handling:** For industrial or institutional use only.
- Precautions To Be Taken in Storing:** Keep out of reach of children. Keep from freezing. Keep away from food and drinking water.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
11096-42-7	Poly(oxy-1,2-ethanediyl), .alpha.-(Nonylphenyl)-.omega.-hydr	No data.	No data.	No data.
18472-51-0	D-Gluconic acid, compound with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecane	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** A respirator is not needed under normal and intended conditions of product use.

**Eye Protection:** Safety glasses.

**Protective Gloves:** Rubber or neoprene gloves.

**Other Protective Clothing:** Wear chemical protective clothing. Chemical resistant apron.

**Engineering Controls (Ventilation etc.):** No data available.

## 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Appearance: Dark. Brown. Liquid.  
Opaque.

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 1.025

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** 100

**Viscosity:** 4 - 12 sec.

**pH:** 5.3 - 5.7

**Percent Volatile:** No data.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.

**Incompatibility - Materials To Avoid:** Avoid contact with alkalis and chlorine products. Avoid contact with materials such as aluminum, tin, zinc, and alloys containing these materials.

**Hazardous Decomposition Or Byproducts:** No data available.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. Toxicological Information

**Toxicological Information:** Inhalation, Eye contact, Skin contact

**Irritation or Corrosion:** Eyes: Causes serious eye irritation.

Skin: Health injuries are not known or expected under normal use.

Ingestion: Health injuries are not known or expected under normal use.

Inhalation: Health injuries are not known or expected under normal use.

**Symptoms related to Toxicological Characteristics:**

Eyes: Redness, pain, irritation.

Skin: No symptoms known or expected.

Ingestion: No symptoms known or expected.

Inhalation: No symptoms known or expected.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
11096-42-7	Poly(oxy-1,2-ethanediyl), .alpha.-(Nonylphenyl)-.omega.-hydr	n.a.	n.a.	n.a.	n.a.
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetr adecane	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

**General Ecological Information:** May be harmful to aquatic life.

## 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance to local, state and federal regulations.

## 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Compound Cleaning, Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

## 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
11096-42-7	Poly(oxy-1,2-ethanediyl), .alpha.-(Nonylphenyl)-.omega.-hydr	No	No	No
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-t etraazatetradecane	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
-------	--------------------------------------	-----------------------------

11096-42-7	Poly(oxy-1,2-ethanediyl), .alpha.-(Nonylphenyl)-.omega.-hydr	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-t etraazatetradecane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

## 16. Other Information

**Revision Date:** 12/30/2014

**Additional Information About This Product:** Company's Disclaimer: While IBA believes this statement set forth herein are accurate as of the date hereof, IBA makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.