



1. Product and Company Identification

Product Code: 161201
Product Name: Epic
Company Name: IBA
103 Gilmore Drive
Sutton, MA 01590
Phone Number: 1 (508)865-6911
Emergency Contact: Chemtrec 1 (800)424-9300
Information: IBA 1 (508)865-6911

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 Precautionary 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.

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:

Explosive Limits: LEL: UEL:

Autoignition Pt:

Suitable Extinguishing Media: Dry chemical, CO₂, 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:

Hazardous Combustion

Products:

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			
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecane			



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.):

9. Physical and Chemical Properties

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

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

pH: 5.3 - 5.7

Melting Point:

Boiling Point:

Flash Pt:

Evaporation Rate:

Flammability (solid, gas):

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1): 1.025

Solubility in Water: 100

Octanol/Water Partition Coefficient:

Autoignition Pt:

Decomposition Temperature:

Viscosity: 4 - 12 sec.

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:

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

Conditions To Avoid - Hazardous Reactions:



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 Eyes: Redness, pain, irritation.

Toxicological Characteristics: 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				
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecane				

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-tetraazatetradecane	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	TSCA: Inventory PA HSL: No
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecane	TSCA: Inventory PA HSL: No



SAFETY DATA SHEET

Epic

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.