

## 1. Product and Company Identification

**Product Code:** 160887  
**Product Name:** FS-106  
**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

**Aquatic Toxicity (Acute), Category 3**

**GHS Signal Word:**

**GHS Hazard Phrases:** Harmful to aquatic life.

**GHS Precaution Phrases:** Keep out of reach of children.  
 Read label before use.  
 Do not get in eyes, on skin, or on clothing.  
 Wear rubber gloves, chemical goggles, and rubber apron.  
 Avoid release to the environment.

**GHS Response Phrases:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes Get immediate medical advice/attention.  
 IF ON SKIN: Remove immediately all contaminated clothing and wash it before reuse. Wash with plenty of water for 15 minutes. If skin irritation occurs: Get 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
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. Get immediate 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 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, 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:** No data available.

### 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Safety glasses, rubber or neoprene gloves. 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 from freezing.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
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.

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

## 9. Physical and Chemical Properties

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

**Appearance and Odor:** Appearance: Bright Pink Liquid  
Odor: No apparent odor.

**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):** 1.010

**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:** 20 - 40 sec

**pH:** 5.8 - 6.2

**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.

**Incompatibility - Materials To Avoid:** No data available.

**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 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
18472-51-0	D-Gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradeceane	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

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

**Other US EPA or State Lists**

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:** 01/20/2015

**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.