

1. Product and Company Identification

Product Code:	484338	
Product Name:	7% Iodine	
Company Name:	IBA	Phone Number:
	27 Providence Rd.	1 (508)865-6911
	Millbury, MA 01527	
Emergency Contact:	Chemtrec	1 (800)424-9300

2. Hazards Identification

Flammable Liquids, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Target Organ Systemic Toxicity (single exposure), Category 3



GHS Signal Word:	Danger
GHS Hazard Phrases:	Highly flammable liquid and vapor. Causes serious eye irritation. May cause respiratory irritation.
GHS Precaution Phrases:	Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking. Wear rubber gloves, chemical goggles, face shield and rubber apron. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Take precautions to avoid mixing with acid products and ammoniated products. Wash hands thoroughly after handling. Avoid breathing {dust/fume/gas/mist/vapours/spray}. Use only outdoors or in a well-ventilated area.
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. Get medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get immediate medical advice/attention.
GHS Storage and Disposal Phrases:	Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300 Store in cool/well-ventilated place. Dispose of contents/container in accordance to local, state and federal regulations. Store locked up.

Hazard Rating System:

HEALTH		3
FLAMMABILITY		3
PHYSICAL		0
PPE		G

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	36 %
67-63-0	Isopropyl alcohol	40 %

4. First Aid Measures

Emergency and First Aid Procedures:	No data available.
In Case of Inhalation:	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.
In Case of Skin Contact:	Flush thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse. If skin irritation occurs: Get medical advice/attention.
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. 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, 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:	Rubber gloves. Goggles or face shield. Wear chemical protective clothing. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or ventilate the area with fresh air.
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. Avoid contact with eyes, skin, and clothing.

Precautions To Be Taken in Storing: Keep out of reach of children. Keep from freezing. Keep away from heat, sparks, and flame. Store container tightly closed in well-ventilated place.

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.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.

Respiratory Equipment (Specify Type): NIOSH/MSHA approved respirator

Eye Protection: Safety glasses.

Protective Gloves: Rubber or neoprene gloves.

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

Engineering Controls (Ventilation etc.): Handle in accordance with good industrial hygiene and safety practice. In a well ventilated area. Wash hands before breaks and at the end of workday.

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):	1.010	
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Evaporation Rate:	No data.	
Solubility in Water:	100	
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: Oxidizing materials, Heat, Flame, sparks, extreams of temperature and sunlight.

Hazardous Decomposition Or Byproducts: No data available.

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

Conditions To Avoid - No data available.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Inhalation, Eye contact, Skin contact

Irritation or Corrosion: Eyes: Causes serious eye damage.
Skin: Causes severe skin irritation.
Ingestion: Health injuries are not known or expected under normal use.
Inhalation: May cause nose, throat, and lung irritation

Symptoms related to Toxicological Characteristics: Eyes: Redness, Pain, Corrosion.
Skin: Redness, Pain, Corrosion.
Ingestion: No symptoms known or expected. Inhalation: Respiratory irritation, cough

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.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.

12. Ecological Information

General Ecological Information: This product has no known ecotoxicological effects.

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: Flammable liquids, n.o.s. Isopropyl alcohol (Isopropyl alcohol)
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: UN1993 **Packing Group:** III

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
67-63-0	Isopropyl alcohol	No	No	Yes

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
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E; 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.