



1. Product and Company Identification

Product Code: 160202
Product Name: Assure
Company Name: IBA **Phone Number:** 1 (508)865-6911
 103 Gilmore Drive
 Sutton, MA 01590
Emergency Contact: Chemtrec 1 (800)424-9300
Information: IBA 1 (508)865-6911

2. Hazards Identification

Skin Corrosion/Irritation, Category 3

Acute Toxicity: Oral, Category 4

Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**
GHS Hazard Phrases: Harmful if swallowed.
 Causes serious eye irritation.
GHS Precautionary 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.
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 immediate medical advice/attention.
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get 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.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	0.60 - 0.65 %
50-21-5	Lactic acid {Propanoic acid, 2-hydroxy-}	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. 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. 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:** 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:** Store locked up. Keep from freezing.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	PEL: 1 ppm	TLV: 1 ppm	
50-21-5	Lactic acid {Propanoic acid, 2-hydroxy-}			



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.):

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: Dark Orange Liquid
Odor: No apparent odor.

pH: 4.2 - 4.4

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): 1.015

Solubility in Water: 100

Octanol/Water Partition Coefficient:

Autoignition Pt:

Decomposition Temperature:

Viscosity:

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. Avoid direct sunlight and extreme temperatures.

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: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

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
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}		3	A3	
50-21-5	Lactic acid {Propanoic acid, 2-hydroxy-}				

12. Ecological Information

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

Persistence and Degradability: These products are carbon oxides (CO, CO2) and water.

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: **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)
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	Yes 1000 LB	No	No
50-21-5	Lactic acid {Propanoic acid, 2-hydroxy-}	No	No	No

Other US EPA or State Lists

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
7722-84-1	Hydrogen peroxide {Hydrogen dioxide; Hydroperoxide}	TSCA: Inventory CA TAC, Title 8: Title 8 MA Oil/HazMat NJ EHS: Yes - 1015 NY Part 597: Yes: HS PA HSL: Yes - E WI Air
50-21-5	Lactic acid {Propanoic acid, 2-hydroxy-}	TSCA: Inventory PA HSL: 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.