

## 1. Product and Company Identification

**Product Code:** BPLL/1  
**Product Name:** Bio Pac Liquid Laundry  
**Company Name:** Bio Pac Inc.  
584 Pinto CT.  
Incline Village, NV 89451  
**Phone Number:**  
1 (775)831-9493  
**Emergency Contact:** Chemtrec 1 (800)424-9300

## 2. Hazards Identification

**Skin Corrosion/Irritation, Category 3**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Skin Sensitization, Category 1**  
**Aquatic Toxicity (Acute), Category 3**  
**Aquatic Toxicity (Chronic), Category 3**



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** Causes mild skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Harmful to aquatic life.  
Harmful to aquatic life with long lasting effects.

**GHS Precaution Phrases:** Keep out of reach of children.  
Read label before use.  
Do not get in eyes, on skin, or on clothing.  
Wash hands thoroughly after handling.  
Avoid release to the environment.

**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 ON SKIN: Wash any sensitive areas. If skin irritation occurs, 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.

**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
102-71-6	Triethanolamine	< 5.0 %
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	5.0 -10.0 %
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	< 1.0 %

### 4. First Aid Measures

**Emergency and First Aid**  
**Procedures:**

- In Case of Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.
- In Case of Eye Contact:** Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. If eye irritation persists, get medical advice/attention.
- In Case of Ingestion:** Do not induce vomiting. Rinse mouth with fresh, Tepid water. Never give anything by mouth to an unconscious person. 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:** 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:** Avoid contact with eyes.
- Precautions To Be Taken in Storing:** Keep from freezing.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
102-71-6	Triethanolamine	No data.	TLV: 5 mg/m3	No data.
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	No data.	No data.	No data.
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No data.	No data.	No data.

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

**Eye Protection:** As needed.

**Protective Gloves:** As needed.

**Other Protective Clothing:** As needed.

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

## 9. Physical and Chemical Properties

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

**Appearance and Odor:** Appearance: Clear Colorless Liquid  
Odor: No apparent odor.

**Melting Point:** 0.00 C

**Boiling Point:** 100.00 C

**Autoignition Pt:** No data.

**Flash Pt:** No data.

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

**Specific Gravity (Water = 1):** 1.010 - 1.030

**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:** 400 - 700cps.

**pH:** 8.0 - 9.0

**Percent Volatile:** No data.

## 10. Stability and Reactivity

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

**Conditions To Avoid - Instability:** No data available.

**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:** Eye contact, Skin contact, Ingestion  
**Irritation or Corrosion:** Eyes: Causes eye irritation.  
Skin: May cause skin irritation.  
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: Redness, pain, irritation.  
Ingestion: No symptoms known or expected.  
Inhalation: No symptoms known or expected.  
**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

## 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 Cleaner, 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)
102-71-6	Triethanolamine	No	No	No
85536-14-7	Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs.	No	No	No
5989-27-5	(R)-1-Methyl-4-(1-methylethenyl)-cyclohexene	No	No	No

## 16. Other Information

**Revision Date:** 04/27/2015

**Additional Information About This Product:** Company's Disclaimer: While Bio Pac Inc. believes this statement set forth herein are accurate as of the date hereof, Bio Pac 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.