

1. Product and Company Identification

Product Code:	BPLP/10	
Product Name:	Bio Pac Laundry Powder	
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

Serious Eye Damage/Eye Irritation, Category 2A
Skin Corrosion/Irritation, Category 3



GHS Signal Word:	Warning
GHS Hazard Phrases:	Causes serious eye irritation. Causes mild skin irritation.
GHS Precaution Phrases:	Keep out of reach of children. Read label before use. Do not get in eyes, on skin, or on clothing. Do not breathe {dust/fume/gas/mist/vapours/spray}. Wear rubber gloves, chemical goggles, face shield and rubber apron.
GHS Response Phrases:	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: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get 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. 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:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:

**Potential Health Effects
(Acute and Chronic):**

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
497-19-8	Sodium carbonate	20.0 -30.0 %
10213-79-3	Sodium meta silicate	1.0 -10.0 %
68989-22-0	Zeolite	20.0 -30.0 %

4. First Aid Measures

Emergency and First Aid Procedures: No data available.

In Case of Inhalation: Immediately move victim to fresh air. If experiencing respiratory symptoms: Get immediate medical advice/attention.

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. 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. 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. NIOSH/MSHA approved respirator

Steps To Be Taken In Case Material Is Released Or Spilled: Vacuum or sweep up material and place into a suitable disposal container.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with eyes. Wash thoroughly after handling

Precautions To Be Taken in Storing: Store in a tightly closed container. Store in cool, dry area

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
497-19-8	Sodium carbonate	No data.	No data.	No data.
10213-79-3	Sodium meta silicate	No data.	No data.	No data.
68989-22-0	Zeolite	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: 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 [] Liquid [X] Solid

Appearance and Odor: Appearance: White Powder.
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): No data.

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: Keep from getting damp or wet.

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: 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: 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)
497-19-8	Sodium carbonate	No	No	No
10213-79-3	Sodium meta silicate	No	No	No
68989-22-0	Zeolite	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.