



Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222  
Ph: 503-653-1155  
info@shayandcompany.com

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# SAFETY DATA SHEET

Version: 1.0

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## 1. Product and Company Identification:

**Product:** Hydrolyzed Hemp Protein

**Item Code:** 99189

**Distributor:** Shay and Company

## 2. Hazard Identification:

**Hazard Symbol:** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Risk Phrases:**

**Routes of entry:** Eyes, skin, oral, inhalation

**Acute Eye Contact:** May cause mild reversible eye irritation.

**Chronic Eye Contact:** Chronic exposure not likely from normal use.

## 3. Composition/Information on Ingredients:

**Ingredient Deck:** Hydrolyzed Hemp Protein

**Composition:** 91-94% Water; 6.5-9.5% Hydrolyzed Hemp Protein

**CAS:** 7732-18-5; n/a

**Hazardous Ingredient/s:** n/a

## 4. First Aid Measures:

**Inhalation:** Remove to fresh air; seek medical attention if irritation persists.

**Eyes:** Flush immediately with plenty of water; seek medical attention if irritation persists.

**Skin:** Wash with soap and water, seek medical attention if irritation develops or persists.

**Ingestion:** Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

## 5. Fire Fighting Measures:

**Suitable Extinguishers:** Dry chemical, Co2, foam, halon, water spray (fog)

**Extinguishers Not to be Used:** none

**Hazardous Decomposition Products:** none known



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**Special Fire Fighting Procedures:** Self contained breathing apparatus with full face piece and protective clothing. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

## 6. Accidental Release Measures:

**Personal Precautions:** Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

**Environmental Precautions:** Non-hazardous but avoid direct releases to environment.

**Clean Up Procedure:** Soak up with absorbable material and dispose of according to local regulations. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

## 7. Handling and Storage:

**Handling Precautions:** Handle in accordance with good industrial hygiene and safety practice.

**Storage Requirements:** Keep in a dry, sealed container. Do not freeze. Avoid extended exposure to direct sunlight.

**Temp. Max:** 40°C

**Temp. Min:** 24°C

## 8. Exposure Controls/Personal Protection:

**Occupational Exposure Limit:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Respiratory Protection:** Use with adequate ventilation

**Eye Protection:** Wear safety glasses with splash protection

**Skin Protection:** Protective clothing is not necessary

**Other:** An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before reuse.

**Environmental:** Non-hazardous but avoid direct releases to the environment.

## 9. Physical and Chemical Properties:

**Description:** Amber liquid; characteristic odor

**pH:** 4.0 - 5.5

**Melting Point:** not determined

**Boiling Point:** 101.6°C/215°F

**Flash Point:** >250°F (not flammable)

**Specific Gravity:** 1.031 @ 25°C



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**Solubility in Water:** Complete

**10. Stability and Reactivity:**

**Condition to Avoid:** none  
**Materials to Avoid:** Absorbent materials  
**Hazardous Decomposition Products:** none known  
**Stabilization Techniques:** none; product is stable

**11. Toxicological Information:**

**Acute:** No data available  
**Irritation:** HRIPT results indicate that the product is non-irritating  
**Corrosivity:** Non corrosive  
**Sensitization:** Non-sensitizing  
**Repeated dose sensitivity:** No data available  
**Carcinogenicity:** None of the components are carcinogenic by IARC, NTP, OSHA, ACGIH, or EU Substance Directive.  
**Mutagenicity:** No data available  
**Toxicity for Reproduction:** Not expected to affect reproduction or development

**12. Ecological Information:**

No ecotoxicity data available

**13. Disposal Considerations:**

**Handling Precautions:** None  
**Method of Disposal:** Dispose of accordance with local regulations.  
**Contaminated Packaging:** Dispose of accordance with local regulations.

**14. Transportation Information:**

Non-Hazardous Cargo. No special Transporting facility required.

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number				
UN Proper Shipping Name	Not Regulated	Not Regulated	Not Regulated	Not Regulated



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<b>Transport Hazard Class</b>				<b>Not restricted (for air travel)</b>
<b>Packaging Group</b>				<b>No applicable</b>
<b>Environmental Hazard</b>	<b>No applicable</b>	<b>No applicable</b>	<b>No applicable</b>	<b>No applicable</b>
<b>Special Precautions for User</b>	<b>None</b>	<b>None</b>	<b>None</b>	<b>None</b>
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b>	<b>No applicable</b>	<b>No applicable</b>	<b>No applicable</b>	<b>No applicable</b>

**15. Regulatory Information:**

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**16. Other Information:**

N/A

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.