

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**

- 1.1 Product Name:** Milk Protein, Hydrolyzed Liquid  
**Product Code:** 507-330X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, Utah 84321 - United States of America  
T 435.755.0863 - F 435.755.2108  
[www.TheSage.com](http://www.TheSage.com)
- 1.4 Emergency Telephone Number**  
No additional information available.

**SECTION 2: Hazards Identification**

**2.1 Classification**

**Classification According to Regulation (EC) No 1272/2008 [CLP]:**

The substance does not meet the criteria for a hazardous substance.

**Classification Accord to The Hazard Communication Standard (HCS) (29 CFR 1910.1200):**

The substance does not meet the criteria for a dangerous substance.

**2.2 Label Elements**

Not applicable.

**Hazard Statements:** Not applicable.

**Precautionary Statement:** Not applicable.

**2.3 Hazards Not Otherwise Classified (HNOC)**

None.

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substance/Mixture

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP Classification (EC) No 1272/2008	%
Water	7732-18-5	231-791-2	Not classified as dangerous	Not classified as hazardous	> 74.0
Hydrolyzed Milk Protein	92797-39-2	296-575-2	Not classified as dangerous	Not classified as hazardous	18.0 - 25.0

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

**Eye Contact:** Flush with water; seek medical advice if discomfort persists.

**Skin Contact:** Wash material off the skin with soap and water.

**Inhalation:** Not applicable, avoid breathing liquid or aerosols of material.

**Ingestion:** Drink water, seek medical attention.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material.

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

No immediate medical treatment normally needed.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

**Suitable:** Dry chemical, CO<sub>2</sub>, foam, halon, water spray (fog).

**Unsuitable:** None listed.

## 5.2 Specific Hazards Arising From the Chemical

**Unusual Fire And Explosion Hazards:** None known.  
**Hazardous Decomposition Products:** None known.

## 5.3 Protective Equipment and Precautions for Firefighters

Self-contained breathing apparatus with full-face piece and protective clothing.  
Do not use direct or heavy water steam to fight fire as it may splash burning liquid.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

### 6.2 Environmental Precautions

Non-hazardous but avoid direct releases to the environment.

### 6.3 Methods and Material for Containment and Cleaning up

Pick up with absorbent material and collect for disposal.

### 6.4 Reference to Other Sections

Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Keep working place well ventilated; no special precautions are needed under normal use conditions.

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

Avoid temperatures above 40°C. Optimum storage temperature is 24°C or lower.  
Avoid exposure to sunlight for prolonged periods.

### 7.3 Specific End Use(s):

Active ingredient in cosmetic and personal care applications.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

Chemical Name	8.1.1 Occupational Exposure Limits	8.1.2 Additional Exposure Limits Under the Conditions of Use	8.1.3 DNEL/DMEL and PNEC-Values
Water	No limits established	Not available	Not available
Hydrolyzed Silk	No limits established	Not available	Not available

### 8.2 Appropriate Engineering Controls

General mechanical ventilation is acceptable.

### 8.3 Individual Protection Measures, Such as Personal Protective Equipment

<b>Eye/Face Protection:</b>	Chemical goggles with side splash protection recommended.
<b>Hand Protection:</b>	Protective gloves.
<b>Body Protection:</b>	None required under normal conditions of use.
<b>Respiratory Protection:</b>	None required under normal conditions of use.
<b>Thermal Hazards:</b>	None required under normal conditions of use.
<b>Other:</b>	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 re-use.

### 8.4 Environmental Exposure Controls

Non-hazardous but avoid direct releases to the environment.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

<b>Appearance:</b>	Clear to slightly hazy, amber liquid ( <i>May sediment on aging</i> )
<b>Odor:</b>	Characteristic, slight
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	4.5 - 5.5
<b>Melting/Freezing Point:</b>	Not determined
<b>Boiling Point/Range:</b>	215°F / 101.6°C
<b>Flash Point:</b>	> 250°F (Not flammable)
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability (solid, gas):</b>	Not applicable
<b>Flammability Limit in Air</b>	
<b>Upper Flammability Limit:</b>	Not applicable
<b>Lower Flammability Limit:</b>	Not applicable
<b>Vapor Pressure:</b>	Not determined
<b>Vapor Density:</b>	Not determined
<b>Specific Gravity:</b>	1.07 @ ~ 25°C
<b>Water Solubility:</b>	Complete
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity:</b>	Not determined
<b>Explosive Properties:</b>	None
<b>Oxidizing Properties:</b>	None

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Not reactive under normal conditions of use.

### 10.2 Chemical Stability

No known hazardous reactions.

### 10.3 Possibility of Hazardous Reactions

None known.

### 10.4 Conditions to Avoid

Gross bacterial contamination.

### 10.5 Incompatible Materials

Concentrated nitric or sulfuric acid, strong oxidizing agents.

### 10.6 Hazardous Decomposition Products

Burning can product smoke, CO, CO<sub>2</sub>, ammonia and other product of incomplete combustion.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

<b>Acute Toxicity:</b>	Oral LD50 is anticipated to be > 5g/kg based on testing of similar materials.
<b>Irritation:</b>	HRIPT results indicate that the product is non-irritating
<b>Corrosivity:</b>	This is not a corrosive product.
<b>Sensitization:</b>	HRIPT results indicate that the product is non-sensitizing.
<b>Repeated Dose Toxicity:</b>	No data available.
<b>Carcinogenicity:</b>	None of the components are listed as a carcinogen y IARC, NTP, OSHA ACGIH or the EU Substances Directive.
<b>Mutagenicity:</b>	Not expected to be a germ cell mutagenicity hazard.
<b>Toxicity for Reproduction:</b>	Not expected to affect reproduction or development.

## SECTION 12: Ecological Information

### 12.1 Toxicity

No ecotoxicity data available.

<b>Acute (short-term) Toxicity:</b>	N/A
<b>Fish:</b>	N/A
<b>Crustacea:</b>	N/A
<b>Algae/Aquatic Plants:</b>	N/A
<b>Other Organisms:</b>	N/A
<b>Chronic (long-term) Toxicity:</b>	N/A
<b>Fish:</b>	N/A

### 12.2 Persistence and Degradability

No information available.

### 12.3 Bioaccumulation

Not expected to be bioaccumulative in aquatic organisms.

### 12.4 Mobility in Soil

Since the product is completely soluble in water, it is expected to be highly mobile in soil.

### 12.5 Results of PBT and vPvB Assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Other Adverse Effects

None known.

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Dispose in accordance with local and federal environmental regulations.

## SECTION 14: Transport Information

14.1 DOT	Not regulated.
14.2 EU Land Transport (ADR/RID/ADN)	Not regulated.
14.3 Sea Transport (IMDG)	Not regulated.
14.4 Air Transport (ICAO/IATA)	Not regulated.

<b>SECTION 15: Regulatory Information</b>
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**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

<b>EU EINECS/ELINCS/NLP:</b>	Complies.
<b>Canada DSL/NDSL:</b>	Complies.
<b>US TSCA:</b>	Complies.
<b>Korea KECI:</b>	Complies.
<b>China IECSC:</b>	Complies.
<b>Japan ENCS:</b>	Complies.
<b>Philippine PICCS:</b>	Complies.
<b>Australia AICS:</b>	Complies.

**15.2 Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

<b>SECTION 16: Other Information</b>
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Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.