SAFETY DATA SHEET

Hydrolyzed Wheat Protein

1. Product and Company Identification

Product Name: Hydrolyzed Wheat Protein
Chemical Family: Mixture
INCI Name: Hydrolyzed Wheat Protein
Material Uses: Active ingredient in cosmetics and personal care products.
Restrictions on use: Repackaged for cosmetic use only.

Supplier: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245

Information Contact: 1-360-376-8008

Emergency telephone number
In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

<table>
<thead>
<tr>
<th>Country information</th>
<th>Emergency telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA, Canada, Puerto Rico, Virgin Islands</td>
<td>+1 800-424-9300</td>
</tr>
<tr>
<td>In case of difficulties or for ships at sea</td>
<td>+1 703-527-3887</td>
</tr>
<tr>
<td>In Europe, Middle East, Africa, Asia Pacific and South America</td>
<td></td>
</tr>
</tbody>
</table>

2. Hazards Identification

GHS Classification in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200(g)
The substance does not meet the criteria for a hazardous substance.

Classification according to Regulation (EC) No 1272/2008 [CLP]
The substance does not meet the criteria for a hazardous substance.

Classification according to Directive 1999/45/EC [DPD]
The substance does not meet the criteria for a hazardous substance.

Label Elements: Labeling according to Regulation (EC) No. 1272/2008 [CLP]
Not applicable
Hazard Statement: Not applicable
Precautionary Statement: Not applicable

Other Hazards: None
3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrolyzed Wheat Protein</td>
<td>100209-50-5 &amp; 70084-87-6</td>
<td></td>
</tr>
<tr>
<td>Phenoxyethanol</td>
<td>122-99-6</td>
<td>0.90 – 1.10</td>
</tr>
</tbody>
</table>

Additional information: For full text of H-statements and R-phrases: see SECTION 16

4. First Aid Measures

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
- **Ingestion:** Drink water, seek medical attention
- **Inhalation:** Not applicable, avoid breathing liquid or aerosols of material

Most important symptoms/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.

Indication of any immediate medical attention and special treatment needed:
No immediate medical treatment normally needed.

5. Fire Fighting Measures

Suitable Extinguishing Media:
Dry chemical, CO2, foam, halon, water spray (fog)

Special Hazards Arising from the Substance or Mixture:
- **Unusual Fire and Explosion Hazards:** None known
- **Hazardous Decomposition Products:** None known

Advice for Fire-Fighters:
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
Normal precautions. Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.
Environmental precautions: Non-hazardous, but avoid direct releases to the environment.

Methods for cleaning up:
Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

7. Handling and Storage

Precautions for safe handling:
Keep working place well ventilated; no special precautions are needed under normal use conditions.

Conditions for safe storage, including any incompatibilities:
Avoid temperatures above 40°C (104°F) as this may affect the efficacy of the product. Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

8. Exposure Control / Personal Protection

Engineering Controls:
General mechanical ventilation is acceptable.

General Handling Information: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment:
- **Eye/face protection:** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- **Hand protection:** Handle with gloves.
- **Body protection:** None required under normal conditions of use.
- **Respiratory protection:** None required under normal conditions of use.
- **Environmental Exposure Controls:** Non-hazardous but avoid direct releases to the environment.

9. Physical and Chemical Properties

Information on basic Physical and Chemical Properties:
- **Appearance:** Clear to slightly hazy amber liquid
- **Odor:** Characteristic
- **Vapor Pressure:** Not available
- **Vapor Density:** Not available
- **pH Value:** 4.0 – 6.5 as is (@25°C)
- **Boiling Point:** Not determined
- **Flash Point:** Not flammable
- **Freezing Point:** Not determined
- **Melting Point:** Not determined
- **Volatile, % by vol:** 77 – 82% 1 gram – 1 hr. – 105°C
- **Decomposition Temperature:** Not available
- **Solubility in water:** Complete
- **Specific Gravity/Density:** Not determined
- **Viscosity (cP):** Not determined

Other Information: None
1.0. Stability and Reactivity

Reactivity: Not reactive under normal conditions of use
Chemical Stability: The product is stable under normal conditions
Conditions to Avoid: High Temperatures
Incompatible Materials: Strong oxidizing agents

Hazardous decomposition products: Carbon monoxide, Carbon dioxide

Hazardous Reactions: None known.

11. Toxicological Information

Component Animal Toxicology Oral DL50 value:
- Hydrolyzed Wheat Protein: No data
- Phenoxyethanol: LD50 = 1,260mg/kg Rat

Component Animal Toxicology Dermal LD50 Value:
- Hydrolyzed Wheat Protein: No data
- Phenoxyethanol: LD50 = 5,000mg/kg Rat

Component Animal Toxicology Inhalation LC50 Value:
- Hydrolyzed Wheat Protein: No data
- Phenoxyethanol: No data

Product Animal Toxicity
- Oral LD50 Value: LD50 Believed to be > 5.0 g/kg; practically non-toxic
- Dermal LD50 Value: LD50 Believed to be > 2.0 g/kg; practically non-toxic
- Inhalation LD50 Value: LC50 No data
- Skin Irritation: Not expected to be irritating to the skin.
- Eye Irritation: This material is expected to be non-irritating.
- Skin Sensitization: Potential sensitization issues can occur because of the wheat hydrolyzed proteins.
  - Phenoxyethanol: Negative skin sensitizer, guinea pig – Magnusson-Kligman method. The material tested negative for skin sensitization in humans.

Subchronic/Chronic Toxicity: Not known or reported to cause subchronic or chronic toxicity.
Reproductive/Developmental Toxicity: Not known or reported to cause reproductive or developmental toxicity.

Phenoxyethanol: This chemical has been tested in laboratory animals and no evidence of teratogenicity, embryotoxicity or fetotoxicity was seen.

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.
Mutagenicity: Not known or reported to be mutagenic.
12. Ecological Information

Ecological Toxicity Values for Phenoxyethanol
- Pimephales promelas (fathead minnow) 96 h LC50 = 337-352 mg/l
- Harlequin fish, red rasbora 48 h LC50 = 135 mg/l

13. Disposal Considerations

Waste: Spent or discarded material is not expected to be a hazardous waste. Dispose of in accordance with federal, state and local environmental control regulations.

14. Transport Information

UN number: Not applicable
UN proper shipping name: Not regulated
Transport hazard class(es): Not applicable, not restricted
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

15. Regulatory Information

<table>
<thead>
<tr>
<th>EPCRA</th>
<th>Emergency Planning and Community Right-to-Know Act</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 302</td>
<td>No chemicals in the material are subject to the reporting requirements of SARA Title III, Section 302.</td>
</tr>
<tr>
<td>SARA 313</td>
<td>This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.</td>
</tr>
</tbody>
</table>

US State Regulations
- Massachusetts Right to Know No components are subject to the Massachusetts Right to Know Act.
- Pennsylvania Right to Know No components are subject to the Pennsylvania Right to Know Act.
- New Jersey Right to Know No components are subject to the New Jersey Right to Know Act.

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

16. Other Information

Indication of Changes: Version 1 created on November 8, 2015
List of Relevant R- phrases (number and full text): Not applicable

Legal Disclaimer:
SAFETY DATA SHEET
Hydrolyzed Wheat Protein

Since the user’s working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. LOTIONCRAFTER MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, LOTIONCRAFTER WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.