Material Safety Data Sheet
Hydrolyzed Soy Protein

1. Product Identification
- **Product Name:** Hydrolyzed Soy Protein
- **INCI Name:** Hydrolyzed Soy Protein
- **CAS Number(s):** 130381-02-1
- **Origin:** Synthetic with naturally derived proteins

2. Physical and Chemical Properties
- **Boiling Point:** 102°C (215°F)
- **% Volatile by Volume:** 70%
- **Specific Gravity:** 1.06
- **Solubility in Water:** Soluble
- **pH Value:** 4-6 (direct)
- **Appearance & Odor:** Clear yellow-orange liquid, faint odor

3. Stability and Reactivity
- **Chemical Stability:** Stable under normal conditions
- **Incompatibility:** None known to manufacturer
- **Hazardous Decomposition:** Biodegradable; burning can produce carbon monoxide, carbon dioxide and oxides of nitrogen.
- **Hazardous Polymerization:** None known to manufacturer

4. Handling and Storage
- Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly and in a cool, well-ventilated place.

5. Accidental Release Measures
- Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Use vacuum or broom sweeping and remove to disposal container. If damp, flush with water.

6. Exposure Controls & Personal Protection
- **Respiratory Protection:** Where exposure likely exceeds acceptable criteria, use NIOSH/OSHA approved respiratory equipment.
- **Protective Clothing:** Gloves recommended to prevent prolonged skin contact. Safety glasses, goggles, or face shield recommended for eye protection.
- **Other Protective Measures:** Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. Hazards Identification
- **General:** May cause irritation to skin, eyes and respiratory system.
- **Inhalation:** Inhalation of vapor and mist may be irritating to the respiratory system.

8. First Aid Measures
- **Eye Contact:** Can cause eye irritation
- **Skin Contact:** Can cause skin irritation, particularly upon prolonged or repeated exposure.
- **Ingestion:** Do not ingest; may cause gastrointestinal irritation

9. Fire Fighting Measures
- **Extinguishing Media:** Water spray, foam, carbon dioxide and dry powder
- **Fire Fighting Procedures:** Firefighters should wear full firefighting turnout gear (full bunker gear) including NIOSH approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

10. Toxicological Information
- No data

11. Disposal Considerations
- Storage and disposal but be in accordance with applicable local, state and federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

**Important Notice:** The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct; however, no warrant or representation, express or implied, is made as to the accuracy or suitability of this information for application to the purchaser’s intended purpose or for consequences of its use and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of its use. Use these materials only as directed. If you have any questions regarding the proper interpretation of this sheet or the meanings of any terms used, we strongly urge you to speak with your physician. For further information concerning product safety and proper use, call the number listed on the front of the MSDS.