Section 1: Identification

Trade Name: Silk Amino Acids
Synonyms: Phalaena mori
Company: Soapgoods Inc
Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093
Phone: (404) 924-9080
E-Mail: wecare@soapgoods.com
Emergency Phone: Chemtrec 1 800 424 9300

Section 2: Hazard(s) Identification

Acute Health Effect None known

Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>% Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Nitrogen</td>
<td>&gt; 14%</td>
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</table>

Section 4: First-Aid Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact: Wash with soap and water. Get medical attention if irritation develops.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Ingestion: Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie belt or waistband. Seek medical attention immediately.

Section 5: Fire-Fighting Measures

Flash Point: > 93°C. Non-flammable solid.
Fire fighting media and instructions Carbon oxides, CO2, foam and dry chemicals. Do not use dry water jet on burning material.
Special Remarks on Fire Hazards: When heated to decomposition it emits acrid smoke and fumes.
Special remarks on
Explosion Hazards
N/A

Section 6: Accidental Release Measures

Spills Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.
Personal protection
in case of spills
Goggles, Gloves. Dust respirator, Lab coat.

Section 7: Handling and Storage

Storage: Store in cool (ideally 15 – 25 °C), dry, well ventilated area protected in an air-tight container away from any moisture, heat, light or direct sunlight. Keep air contact to minimum.

Section 8: Exposure Controls/Personal Protection

Engineering controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors.
Personal Protection Eyes: Safety goggles
Body: Lab coat
Respiratory: No special protective clothing is required.
Avoid inhalation of product, by wearing a vapor respirator.
Hands: Gloves
Exposure Limits: N/A.

Section 9: Physical and Chemical Properties

Appearance: White to pale yellow fine powder.
Odor: Characteristic sweet fine sugar-like odor.
Solubility: Soluble in water.
Loss on Drying: < 7.0 %
Residue on Ignition: <4.0 %
PH (1% solution): 5.0 – 7.0
Yeast and Mold: < 50cfu/g
Heavy Metals: <10 ppm
Total Nitrogen: > 14%
Sterilization Method: High Temperature & High Pressure for short time (5” – 10”)(Free from Gamma Irradiation).
Extraction Method: Hydrolyzed silk of the silkworm cocoon.

**Section 10: Stability and Reactivity**

Stability: Sable at room temperature
Conditions to Avoid: Heat and light sources.
Materials to Avoid: Strong oxidizing agents, alkali and acids.
Corrosivity N/A
Flammability: N/A
Decomposition Products: When heated to decomposition, may produce carbon dioxide / carbon monoxide smoke with possibility of sulfur dioxide.

**Section 11: Toxicological Information**

Route of entry Absorbed through skin, eye contact, inhalation, ingestion.
Acute effect on Humans
Eye: Small particles matter may be irritating to the eyes.
Skin: N/A
Inhalation: Small particles matter may be irritating to the mucus membrane.
Ingestion: N/A

Chronic Effects on Humans
Carcinogenic Effects: N/A
Mutagenic effects: N/A
Teratogenic Effects: N/A
Development toxicity: N/A

**Section 12: Ecological Information**

Keep away from drains, surface and ground water

**Section 13: Disposal Considerations**

Waste Information: Waste must be disposed of in accordance with local, provincial and federal regulations
Section 14: Transport Information

TDG Classification: Not regulated
IATA Shipping (Air): Not regulated
IMDG Shipping Not regulated

Section 15: Regulatory Information

WHMIS (Canada): Not classified under WHMIS
Other Regulations: N/A
Other Classifications: S36/38 May be irritating to eyes/skin

Section 16: Other Information

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Review Date: December 2015