Section 1: Identification

Trade Name: Silk Peptide
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

Constituents: Aspartate, glutamate, serine, glycine, threonine, alanine, arginine, leucine, valine, methionine, phenylanine, isoleucine, cystine, tyrosine, lysine and praline

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

Handling Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show product label. 
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 hygroscopic powder. 
Odor: Strong odor. 
Solubility: Soluble in water. 
Loss on Drying: <7.0 % 
Moisture Content: < 5 % 
Residue on Ignition: <4.0 % 
\text{pH (1\% solution): 5.0 – 7.0} 
Total Nitrogen: >14.0 %
Heavy Metals: <10 ppm
Pathogenic Bacteria: Negative
Extraction Method: Hydrolyzed silk of the silkworm cocoon.
Major Components: Antioxidants, vitamins A, C, D, E; selenium

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 Eyes:
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
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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