



Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE

Product Name: **Silk Powder**

2. HAZARDS IDENTIFICATION:

No hazards identified under regulation 67/548/EEC.

Reach Registration: Exempt as per Annex VI and V according to EU Regulation 1907/2006

This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 and further amendments, not to those having recognised exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills constitute a slippage hazard.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Inci Name: **SILK POWDER**

Chemical Composition: Silk powder is hydrolysis by the raw silk.

4. FIRST-AID MEASURES

Inhalation: Not expected, but in case of need remove from exposure site to fresh air. Keep at rest. Seek medical advice.

Skin Contact: No measures, being a non-toxic product, in case any symptoms appear, remove contaminated clothes. Cover wash with water and soap; cover the irritated skin with emollient – may need to seek medical advice.

Eye Contact: Check for and remove lenses. Flush with water for at least 15 minutes. Contact a doctor if symptoms persist.

Ingestion: Generally, first aid is not necessary. Seek medical attention in case of any adverse effects.

Other: When assessing action take Risk & Safety Phrases into account (Section 15).

5. FIRE FIGHTING MEASURES

Extinguishing Media:

Use CO₂, Dry Powder or Foam type Extinguishers,

Spraying Recommended: Extinguishing media to base of flames. Do not use direct water jet on burning material.

Special Measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing Procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions:	No special precautions required.
Environment Precautions:	No special precautions required.
Cleaning Up Methods:	Remove all potential ignition sources. Contain spilled material with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

7. HANDLING AND STORAGE

Precautions in Handling:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Conditions:	In well filled and closed container protected from light at a temperature not exceeding 25°C.
Fire Protection:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Respiratory Protection:	No special measures under normal conditions.
Ventilation:	No special measures under normal conditions.
Hand Protection:	No special measures under normal conditions.
Eye Protection:	Use safety glasses.
Work/ Hygiene Practices:	Wash hands with soap and water after handling.

9. PHYSICAL DATA AND CHEMICAL PROPERTIES:

Appearance:	Fine powder
Colour:	White
Odour:	Faint vegetable odor
Oxidizing Properties:	Avoid exposure to air.
Flash Point °C:	> 600
Flammability:	Avoid open flame.
Melting Point/ Range °C:	30-36
Specific Gravity @ 50°C:	0.89

10. STABILITY AND REACTIVITY:

Reactivity:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong alkali, acid or oxidising agents.
Decomposition:	Liable to cause smoke and acrid fumes during combustion; carbon monoxide, carbon dioxide and non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION:

Vegetable powder of natural origin. Non-toxic product.

12. ECOLOGICAL INFORMATION:

Biodegradability:	> 90% (OECD) This product is unlikely to accumulate in the environment and environmental problems under normal use conditions are not expected
Precautions:	Prevent surface contamination of soil, ground and surface water.

13. DISPOSAL CONSIDERATIONS:

When possible recover spilled product. When product must be discarded, do so into an authorised dump or recycling service station. Act in accordance with local and national regulations

14. TRANSPORT INFORMATION

Road (ADR/ RID): N/a
Air (IATA): N/a
Sea (IMDG): N/a
CHIP: See section 15
NDPA Ratings: Health: 0, Flammability: 1, Reactivity: 0, Personal protection: A

15. REGULATORY INFORMATION:

Hazards: N/a
Symbols: N/a
Risk Phrases: N/a
Safety Phrases: S25 Avoid contact with eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
S 39 Wear eye protection

16. OTHER INFORMATION

Cosmetics Directive 7th Amendment: Not restricted

PACKAGING:

Type	Suitability
Glass	Yes
Lacquered lined steel/ tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other Plastic	Yes

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.