SAFETY DATA SHEET (SDS / MSDS)

16-Section GHS / CLP Compliant

Company Information

Manufacturer	Silk Foods Ceylon (Pvt) Ltd
Exporter	E-Silk Route Ventures (Pvt) Ltd
Address	Silk Ag Tech Park, Hapugasyaya, Nalanda, Matale, Sri Lanka
Contact	+94 743 693 048
Email	info@esilkroute.com.lk
Website	https://esilkroute.com.lk

Document Information

Document No.	SFC/MSDS/OT-CACAO/2026/01
Product	Cacao Nibs
Date of Issue	30 April 2026
Revision	2026 V1.1
Revision Date	30 April 2026

Section 1 — Product & Company Identification

Product Name	Cacao Nibs (*Theobroma cacao L.*)
Recommended Use	Plant-based food ingredient — direct consumption or further processing into ready meals, snacks, or meat alternatives.
Manufacturer / Repacker	Silk Foods Ceylon (Pvt) Ltd, Silk Ag Tech Park, Hapugasyaya, Nalanda, Matale, Sri Lanka
Exporter	E-Silk Route Ventures (Pvt) Ltd
Contact	+94 743 693 048

Section 2 — Hazard Identification (GHS)

GHS Classification	Not classified as hazardous under GHS / CLP.
Acute Health Effects	Not classified as hazardous. Choking hazard for infants under 3 years (whole pieces).
Chronic Health Effects	No known adverse chronic effects.
Environmental Hazards	Not classified as environmentally hazardous. Readily biodegradable.

Section 3 — Composition / Information on Ingredients

Ingredients	100 % Cacao Nibs (*Theobroma cacao L.*)
CAS Number	Various / Natural product
Hazardous Components	None identified. All components are food-grade natural plant material.

Section 4 — First-Aid Measures

Eye Contact	Rinse with clean water if dust enters eye.
Skin Contact	No first aid required.
Inhalation	Not applicable to product form.
Ingestion	Food product. No first aid required for normal consumption.

Section 5 — Firefighting Measures

Flammability	Combustible solid. Not classified as flammable.
Flash Point	Not applicable
Firefighting Media	Water, foam, dry chemical, CO_2.
Products of Combustion	CO, CO_2, water vapour, organic combustion products.

Section 6 — Accidental Release / Spill Procedures

Small Spill	Sweep up and place in labelled container.
Large Spill	Sweep or vacuum; dispose per local regulations.

Section 7 — Handling & Storage

Handling	Handle with clean, dry hygienic tools.
Storage	Refer to product-specific storage instructions on label.
Precautions	Keep container sealed.

Section 8 — Exposure Controls / PPE

Engineering Controls	General ventilation adequate.
PPE Required	Food-grade nitrile gloves, hairnet, lab coat for food-handling personnel.
Exposure Limits	Not applicable to food product.
Ventilation	General mechanical ventilation.

Section 9 — Physical & Chemical Properties

Physical State	Solid (semi-soft / chewy / brittle pieces depending on product)
Colour	Dark brown crushed nibs
Odour	Rich, roasted cocoa
Taste	Bitter, rich cocoa
pH	3.5 – 5.5 (typical for dried fruit)
Moisture	≤ product spec (see SPEC)
Solubility	Partially soluble in water (rehydration).
Water Reactive	No

Section 10 — Stability & Reactivity

Stability	Stable under recommended storage conditions.
Incompatibility	Strong oxidising agents.
Decomposition By-products	None under normal storage.
Conditions to Avoid	Heat, moisture, direct sunlight.

Section 11 — Toxicological Information

Acute Toxicity	Not classified.
Special Precautions	Choking hazard for infants under 3 years.

Section 12 — Ecological Information

Overview	Not environmentally hazardous.
Biodegradation	Readily biodegradable.

Section 13 — Disposal Considerations

Waste Disposal	Compostable if uncontaminated.

Section 14 — Transport Information

DOT (US)	Not regulated as dangerous goods
IATA (Air)	Not regulated as dangerous goods
IMDG (Sea)	Not regulated as dangerous goods
UN Number	Not assigned

Section 15 — Regulatory Information

Sri Lanka	Sri Lanka Food Act No. 26 of 1980 + Regulations 2026
EU Heavy Metals	EU Regulation (EC) 1881/2006 + EU 2023/915 (heavy-metal contaminants)
EU Microbiological	EU Regulation (EC) 2073/2005 (microbiological criteria)
EU Pesticide MRL	EU Regulation (EC) 396/2005 (pesticide MRLs)
EU Labelling	EU Regulation 1169/2011 (Food Information to Consumers)
Codex Alimentarius	Applicable Codex Alimentarius standards
HS Code	1801.00

Section 16 — Additional Information

Prepared By	Manager Quality Assurance / R&D, Silk Foods Ceylon (Pvt) Ltd
Disclaimer	Information provided in this SDS is drawn from recognised scientific sources, internal quality records, and is provided in good faith. Silk Foods Ceylon (Pvt) Ltd and E-Silk Route Ventures (Pvt) Ltd make no representation as to the suitability of this information for any particular application. Users must satisfy themselves as to suitability and completeness for their specific use.

Authorization

Report Prepared By	Manager Quality Assurance / R&D
Report Approved By	Factory Manager
Date of Issue	30 April 2026
Revision	2026 V1.1
Revision Date	30 April 2026