



**SHOREA STENOPTERA BUTTER
MATERIAL SAFETY DATA SHEET (MSDS)**

MSDS FW-TKW001, TKW002, TKW003 v13

January 2025

SECTION 1: Product and Company Identification

Product Name: Illipe Butter – All grades	INCI Name: Shorea Stenoptera Seed Butter
Generic Name: Illipe Butter	Company Name: PT Forestwise Wild Keepers
Item Code #: TKW001, TKW002, TWK003	Company Address: Jalan Nenak Sui Ringin, Desa Anggah Jaya, Sintang, Kalimantan Barat 78617, Indonesia
CAS#: 91770-65-9	Emergency contact: +62 813-5632-5335
EINICS#: 294-851-7	
HS CODE: 1515.90.9999	

SECTION 2: Hazards Identification

Human Health Hazards: None expected if handled and used properly.
Environmental Health Hazards: None, contains no hazardous substances
Effects of Over-exposure: Nothing cited

SECTION 3: Composition / Information on Ingredients

Illipe Butter is a vegetable fat derived from the seeds of the Shorea Stenoptera tree.

SECTION 4: First Aid Measures

Eyes: Flush with large amounts of tepid water for at least 10 minutes and seek medical attention	Inhalation: Not a direct hazard
	Skin: Non-irritating, no known effect
	Ingestion: Not a direct hazard

SECTION 5: Fire Fighting Measures

Flammability: Avoid open flame Special	Unusual Fire and Explosion Hazard: None cited
Firefighting Procedures: In case of insufficient ventilation, wear suitable respiratory equipment	Extinguishing Media: Dry fire extinguisher, alcohol resistant foam, CO2

SECTION 6: Accidental Release Measures

Accidental Release Measures: Danger of slipping possible. Keep away from sources of ignition. Do not empty in drains. Cover with absorbent material. Do not use combustible material such as sawdust for soaking up spills.

SECTION 7: Handling and Storage

Handling: wear safety glasses, gloves and protective outerwear. Give adequate ventilation to the premises where the product is stored and/or handled. Keep away from oxidising agents; excessive heat, and sources of ignition. Store in closed containers below 25°C.

SECTION 8: Exposure Controls / Personal Protection

Respiratory Protection: General facemask	Eye protection: Eye goggles, with side shields
Ventilation: Normal	Protective equipment: Normal protective clothes / slip proof shoes in areas where leaks or spills may occur
Protection Gloves: Wear suitable gloves	



SECTION 9: Physical and Chemical Properties

Appearance: Yellowish solid fat
Boiling point range: > 150°C
Oxidising Properties: Avoid exposure to air
Flammability: Avoid open flame
Vapour Density: Not established
Evaporation Rate: Not established
Odour: Characteristic with no rancid notes
Melting point: 30-38°C
Flash point: > 200°C
Specific Gravity: 0.88

Solubility in water: Insoluble
Relative Density: 0.895-0.905
Refractive index nD40: 1.4562
Fatty acid profile range:
Myristic Acid (C14:0) <0.1%
Palmitic Acid (C16:0) 14.0 – 22.0%
Palmitoleic Acid (16:1) <0.1%
Stearic Acid (C18:0) 36.0 – 50.0%
Oleic Acid (C18:1) 30.0 – 42.0%
Linoleic Acid (C18:2) max 6.0%

SECTION 10: Stability and Reactivity

Stability: Stable
Materials to avoid: Strong oxidizers. Avoid exposure to air

Hazardous decomposition products: Stable under normal conditions, may emit noxious fumes of CO, CO₂ or irritating gases

SECTION 11: Toxicological Information

Long term Toxicity: None
Bio accumulative Potential: None

Persistence & Degradability: None / None cited
Other adverse effects: None cited

SECTION 12: Ecological Information

Ecotoxicity: This material is readily biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large amounts into the aquatic environment may kill fish and other aquatic organisms by oxygen depletion
Environmental precautions: Biodegradable product

SECTION 13: Disposal Considerations

Disposal: If possible recover the product, otherwise dispose of in an authorised landfill or incinerate in accordance with local regulations.

SECTION 14: Transport Information

Comment: Non dangerous goods as per regulation IATA/ICAO. Not regulated by the U.S.D.O.T. Labelled as per requirement with no hazard symbols necessary.

SECTION 15: Regulatory Information

As per the destination country, labelled as per requirement with no hazard symbols necessary.

SECTION 16: Other Information

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