

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Shea Butter**

PRODUCT CODE: **31086**

SUPPLIER: The Soap Kitchen, 11a South Street, Torrington, Devon, EX38 8AA.

Emergency Tel No: 01805 622944 Emergency Contact: Mr. Richard Phillips.

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Definition/Botanical Origin: The refined fat obtained from the fruit of the Karite tree, *Butyrospermum parkii*.

H-No:	CAS No: 194043-92-0	Status: natural
CoE No:	FEMA:	Additives: none
FDA:	IFRA: Not restricted	Application: Soaps, Creams , Lotions
RIFM: Not applicable	EINECS: 293-515-7	RTECS:
Chemical name: Triacylglycerol		INCI name: Butyrospermum parkii

3. HAZARDS IDENTIFICATION:

Concentrated product. Observe good housekeeping procedures.

4. FIRST-AID MEASURES:

INHALATION:	Not a direct hazard.
EYE CONTACT:	Rinse immediately with plenty of water for at least 5 mins. Contact a doctor if symptoms persist.
SKIN CONTACT:	Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.
INGESTION:	Not considered dangerous.
OTHER:	When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED:	Use CO ₂ , Dry Powder or Foam type Extinguishers, spraying 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:	Avoid contact with skin eyes and clothes. Note that spillages constitute a slipping hazard. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
ENVIRONMENT PRECAUTIONS:	Keep away from drains, soils, surface & ground waters.
CLEANING UP METHODS FOR SPILLAGES:	Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Clean with hot water & detergents. Observe state, federal & local disposal regulations.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Avoid static discharges.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool & dry area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	No special measures under normal conditions.
SKIN PROTECTION:	No special measures under normal conditions.
EYE PROTECTION:	Use safety glasses if there is a risk of splashing.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

COLOUR:	Ivory solid, light yellow liquid
APPEARANCE:	Solid/ pasty wax
ODOUR:	Free from rancid and foreign odours
MELTING POINT °C:	30-35
FLASH-POINT °C:	>200
SOLUBILITY IN WATER:	Insoluble
ACID VALUE/KOH/g oil:	1.0 max
PEROXIDE VALUE (meq O ₂ / kg):	5.0 max
IODINE VALUE:	58-72
SAPONIFICATION VALUE:	168-187
REFRACTIVE INDEX @ 40°C:	1.460-1.470
RELATIVE DENSITY @ 40°C:	0.90-0.93
SLIP-POINT °C:	30-38
UNSAAPONIFIABLE MATTER:	6% min

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
DECOMPOSITION:	Irritating gases. Carbon monoxide. Carbon dioxide

11. TOXICOLOGICAL INFORMATION.

No known data

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Readily biodegradable
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT REGULATIONS.

Road (ADR/RID):	n/a
Air (IATA):	n/a
SEA (IMDG):	n/a
CHIP:	See section 15

15. REGULATORY INFORMATION. According to Directive 88/379/EEC

HAZARDS: n/a
SYMBOLS: n/a
RISK PHRASES: n/a
SAFETY PHRASES: n/a

16. OTHER INFORMATION.

Cosmetics Directive 7th Amendment: Not restricted

PACKAGING:

Type	Suitability
Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 6 monthly intervals up to a maximum life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.