

MATERIAL SAFETY DATA SHEET
SHEA-NUT BUTTER



1. Identification of Substance, Preparation and Company

Product Name: Shea-Nut Butter

Company Name: Bathbomb.biz limited
Company Address: 37 Worting Road
Basingstoke
Hampshire
RG21 8TZ

Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

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

CAS No: 91080-23-8
EINECS: 293-515-7
Application: Soaps, Creams , Lotions
INCI Name: Butyrospermum parkii

3. Hazards Identification

- Concentrated product. Observe good housekeeping procedures.

4. First Aid Measures

Inhalation Treatment: No direct hazard

Eye Exposure Treatment: Rinse immediately with plenty of water for at least 5 mins. Contact a doctor if symptoms persist.

Skin Contact Treatment: Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion Treatment: Not considered dangerous.

Other: Take Risk and Safety phrases (section 15) into consideration.



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5. Fire Fighting Measures

Extinguishing Media Recommended: Use CO₂, 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.

Environmental 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 and 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 & ventilated 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.

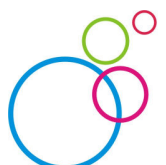
8. Exposure Controls / Personal Protection

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.



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9. Physical and Chemical Properties

Appearance:	Greyish to white solid
Odour:	Neutral
Melting Range °C	31 - 36°C
Free Fatty Acid Value (% As Oleic):	1.0% maximum
Peroxide value (meq O ₂ / kg):	4.5 max
Unsaponifiable Matter:	9.0% maximum
Saponification Value:	170 – 185
Iodine Value:	56 – 71
Oxidation Stability:	15hrs minimum, Rancimat 110°C

9.1. Typical Fatty Acid Composition

C16:0 Palmitic Acid	:	3 – 5 %
C18:0 Stearic Acid	:	40 – 45 %
C18:1 Oleic Acid	:	43 – 47 %
C18:2 Linoleic Acid	:	5 – 8 %
Total Saturated	:	43 – 50
Total Unsaturated	:	43 – 47
Total Polyunsaturated	:	5 – 8

The variations in fatty acid composition are to climatic and varietal influences

9.2. Solid Fat Content After Tempering 40hrs @ 10°C:

10°C	:	60 – 65
20°C	:	37 – 45
25°C	:	20 – 30
30°C	:	8 – 12
35°C	:	3 - 6

10. Stability and Reactivity

Reactivity:	Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	Irritating gases. Carbon monoxide. Carbon dioxide



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11. Toxicological Information

Not a health hazard with no chronic health effects.

12. Ecological Information

Biodegradability:	Readily biodegradable
Precautions:	Prevent surface contamination of soil, ground & surface water

13. Disposal Considerations

- Dispose of according to local regulations.
- Avoid excessive disposal into drainage systems and into the environment. Seek expert advice

14. Transport Information

Road (ADR/RID):	Not restricted
Air (IATA):	Not restricted
Sea (IMDG):	Not restricted
CHIP:	See section 15

15. Regulatory Information (According to Directive 88/379/EEC)

Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	Not applicable

16. Other Information

- Cosmetics Directive 7th Amendment: Not restricted

16.1. Packaging

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



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16.2. Shelf Life

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

16.3. QC 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..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

