



## 01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name		Kokum Butter.			
Biological Definition		Garcinia Indica Seed Butter is the fat obtained from the seeds of <i>Garcinia indica</i> , <i>Hypericaceae</i> .			
INCI Name		Garcinia Indica Seed Butter.			
Synonyms & Trade Names		-			
CAS-No	-	EC No.	-	EINECS No.	-

Component of; Food and Cosmetic products.

<b>1.4 Emergency Tel. No.</b>	+ 44 (0) 1260 222 943
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Not classed as a hazardous substance.

Not classed as a hazardous substance.

Label in accordance with (EC) No 1272/2008

None.

Signal Word	None.
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Contains	Contains no hazardous substances.
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## Hazard Statements

None.

## Precautionary Statements

None.

## Supplementary Precautionary Statements

None.

## 2.3 Other Hazards

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PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

## 03. COMPOSITION/INFORMATION ON INGREDIENTS

<b>3.1 Substances</b>
<b>100% Garcinia Indica Seed Butter.</b> <b>Cas: -</b> <b>Classification:</b> - Not classed as a hazardous substance.

## 04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	None.
Ingestion	None.
Skin Contact	Clean skin with water and soap.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.
4.2 Most important symptoms and effects, both acute and delayed	
No symptoms known.	
4.3 Indication of any immediate medical attention and special treatment needed	
None.	

## 05. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>
Extinguishing media: - Carbon dioxide (CO <sub>2</sub> ). - Dry Chemical Powder. - Foam. Unsuitable extinguishing media: - Do not direct water jet on burning material.
<b>5.2 Special hazards arising from the product</b>
This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container. <b>Dangerous combustion residues:</b> smoke, carbon monoxide, carbon dioxide.
<b>5.3 Advice for firefighters</b>
In case of fire; use respirator.

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## 06. ACCIDENTAL RELEASE MEASURES

<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eye contact.
<b>6.2</b>	<b>Environmental Precautions</b>
	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
<b>6.3</b>	<b>Methods and material for containment and cleaning up.</b>
	<p>Land spill: Shut off source. Prevent product from entering sewerage, water courses or low-lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remaining product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.</p> <p>Water spill: Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.</p>
<b>6.4</b>	<b>Reference to other sections</b>
	None.

## 07. HANDLING AND STORAGE

<b>7.1</b>	<b>Precautions for safe handling</b>
	Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.
<b>7.3</b>	<b>Specific end use(s)</b>
	No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1</b>	<b>Control parameters</b>
	None.
<b>8.2</b>	<b>Exposure controls</b>
<b>Protective Equipment</b>	
	No special measures required.
Process Conditions	No special measures required.
Engineering Measures	No special measures required.
Respiratory Equipment	No special measures required.
Hand Protection	No special measures required.

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Eye Protection	No special measures required.
Other Protection	No special measures required.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Use personal protection according to Directive 89/686/EEC.
Skin Protection	No special measures required.
Environmental Exposure Controls	Avoid discharging into drainage water.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Soft fat.
Colour	Creamy beige to yellow to pale cream.
Odour	Characteristic.
Relative Density	No additional data available.
Flash Point (°C)	>200
Refractive Index	No additional data available.
Melting Point (°C)	28.0 - 34.0
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in oil and ethanol.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

## 10. STABILITY AND REACTIVITY

10.1 Reactivity	
Oxidation with atmospheric oxygen. Formation of free fatty acids.	
10.2 Chemical stability	
The product is stable.	
10.3 Possible hazardous reactions	
Reacts with oxidants.	
10.4 Conditions to Avoid	
Keep away from heat sources, open flames and sunlight.	
10.5 Incompatible materials	
Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.	
10.6 Hazardous Decomposition Products	
Product does not decompose at proper handling.	

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## 11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	In compliance with generally accepted uses and quantities no negative impacts are to be expected. LD50 oral: Not determined. LD50 dermal: Not determined. LC50: Not determined. <b>Inhalation:</b> There is no expected negative impact. <b>Ingestion:</b> There is no expected negative impact. <b>Skin contact:</b> There is no expected negative impact. <b>Eye contact:</b> There is no expected negative impact.
Skin corrosion / irritation	In compliance with generally accepted uses and quantities no negative impacts are to be expected.
Serious eye damage / irritation	In compliance with generally accepted uses and quantities no negative impacts are to be expected.
Respiratory or skin sensitisation	In compliance with generally accepted uses and quantities no negative impacts are to be expected.
Germ Cell Mutagenicity	There is no expected negative impact expected.
Carcinogenicity	There is no expected negative impact expected.
Reproductive toxicity	There is no expected negative impact expected.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

## 12. ECOLOGICAL INFORMATION

12.1 Toxicity	
	No additional data available.
12.2 Persistence & degradability	
	Biologically well degradable.
12.3 Bioaccumulation Potential	
	Possible.
12.4 Mobility in soil	
	No additional data available.
12.5 Results of PBT and vPvB Assessment	
	No additional data available.
12.6 Other adverse effects	
	Do not allow product to enter streams, sewers or other waterways.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters.

## 14. TRANSPORT INFORMATION

### 14.1 UN number

UN No. Road No additional data available.

UN No. SEA No additional data available.

UN No. AIR No additional data available.

### 14.2 UN proper shipping name

No additional data available.

### 14.3 Transport hazard class(es)

No additional data available.

### 14.4 Packing group

No additional data available.

### 14.5 Environmental hazards

No hazard label necessary – non-hazardous product.

### 14.6 Special precautions for user

See sections 6 – 8.

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

An assessment has not been carried out.

### 15.2 Chemical safety assessment

No additional information available.

## 16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full None.

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