



**SAFETY DATA SHEET  
KOKUM BUTTER**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name** KOKUM BUTTER  
**Synonyms; trade names** Garcinia Indica Seed Butter  
**EC number** 283-480-6

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Component of: Food and Cosmetic Products.

**1.4. Emergency telephone number**

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**2.2. Label elements**

**EC number** 283-480-6  
**Hazard statements** NC Not Classified

**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

**Product name** KOKUM BUTTER  
**EC number** 283-480-6

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

##### 4.2. Most important symptoms and effects, both acute and delayed

**General information** None known.

##### 4.3. Indication of any immediate medical attention and special treatment needed

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use as appropriate carbon dioxide (CO <sub>2</sub> ), dry chemical or foam
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

##### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</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>Hazardous combustion products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).

##### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus.
<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Provide adequate ventilation. Avoid contact with skin and eyes.

##### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

##### 6.3. Methods and material for containment and cleaning up

## KOKUM BUTTER

### Methods for cleaning up

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. 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.

### 6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Usage precautions

Provide adequate ventilation. Handle all packages and containers carefully to minimise spills. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Storage precautions

Intrusion into soil to be avoided. Store 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.

### 7.3. Specific end use(s)

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



#### Personal protection

Use personal protection according to Directive 89/686/EEC

#### Eye/face protection

Approved safety goggles.

#### Hand protection

Wear protective gloves.

#### Other skin and body protection

No specific requirements are anticipated under normal conditions of use.

#### Hygiene measures

Good personal hygiene procedures should be implemented.

#### Respiratory protection

No specific recommendations.

#### Environmental exposure controls

Avoid discharging into drains.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

Soft fat

#### Colour

Cream. Beige. to Yellow. to Pale Cream.

## KOKUM BUTTER

<b>Odour</b>	Characteristic.
<b>Melting point</b>	28.0 - 34.0°C
<b>Flash point</b>	>200°C
<b>Solubility(ies)</b>	Insoluble in water. Soluble in oil and ethanol

### 9.2. Other information

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity** Oxidation with atmospheric oxygen. Formation of free fatty acids.

**10.2. Chemical stability**

**Stability** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Reacts with oxidants.

**10.4. Conditions to avoid**

**Conditions to avoid** Keep away from heat sources, open flames and sunlight.

**10.5. Incompatible materials**

**Materials to avoid** Avoid contact with strong oxidising agents.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Toxicological effects** Vegetable oil of natural origin. Non toxic product; LD50s and LC50s not determined.

**Skin corrosion/irritation**

**Skin corrosion/irritation** Not irritating.

**Serious eye damage/irritation**

**Serious eye damage/irritation** In compliance with generally accepted uses and quantities no negative impacts are to be expected.

**Respiratory sensitisation**

**Respiratory sensitisation** In compliance with generally accepted uses and quantities are no negative impacts to be expected.

**Carcinogenicity**

**Carcinogenicity** There is no expected negative impact.

**Reproductive toxicity**

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

**Specific target organ toxicity - single exposure**

**STOT - single exposure** No information available.

**Specific target organ toxicity - repeated exposure**

**STOT - repeated exposure** No information available.

**Aspiration hazard**

**Aspiration hazard** No information available.

**SECTION 12: Ecological Information**

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms.

**12.1. Toxicity**

**12.2. Persistence and degradability**

**Persistence and degradability** The product is readily biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** No data available on bioaccumulation.

**12.4. Mobility in soil**

**Mobility** No data available.

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** No data available.

**12.6. Other adverse effects**

**Other adverse effects** Avoid discharge into drains or watercourses or onto the ground.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**General information** Dispose of in compliance with all local and national regulations.

**SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**  
No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**SECTION 15: Regulatory information**

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

## KOKUM BUTTER

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance** CHIP for everyone HSG228.

### **15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.