

**SAFETY DATA SHEET**According to Regulation 1907/2006/EC  
Version 2.0 Revision Date 09 05 2019**1.1. Product identifiers**

Product Name : Palm Stearin  
Trade Name : TECKNO Rumen Fat Powder

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

Relevant identified uses : Production of soap, saturated fatty acid, margarine, feed additive, etc.

**1.3. Details of the supplier of the safety data sheet**

Company : Teck Guan (China) Ltd.  
Address : No 1 Teck Guan Road, Rugao Port, Jiangsu, China  
Telephone : +86 513 87589955  
Fax : +86 513 87583388  
Post Code : 226532

**1.4. Emergency telephone number**

Emergency phone : +86 513 87589955

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

Not a hazardous substance or mixture according to Regulation ( EC ) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

**2.2. Label elements**

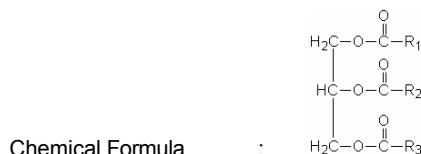
The product does not need to be labeled in accordance with EC directives or respective national laws.

**2.3. Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic ( PBT ), or very persistent and very bioaccumulative ( vPvB ) at levels of 0.1% or higher.

**3.1. Substances**

Synonyms : Triglycerides, Palm butter  
Percent :  $\geq 99\%$   
CAS No : 8002-75-3  
EC No : 232-316-1

**4.1. Description of first aid measures**

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.  
Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of breathing difficulty try artificial respiration. Get medical attention as soon as possible.

- Skin contact : Gently wash material off the skin with plenty of soap and water. If redness or itching persists, seek medical attention.
- Eye contact : Rinse cautiously with water for at least 15 minutes. If redness or itching persists, seek medical attention.
- Ingestion : Drink plenty of water. However, if the person is unconscious, do not provide any type of ingestion. Call a POISON CENTER or doctor/physician if feel unwell.
- Protection of first-aiders : A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

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

No data available

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

No data available

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Extinguishing foam. Dry powder. Carbon dioxide (CO<sub>2</sub>)

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

Carbon monoxide, Carbon dioxide, hydrocarbons, soot, aldehydes and ketones

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus, protective clothing and a face mask for firefighting.

### SECTION 6: Accidental release measures

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

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

#### 6.2. Environmental precautions

In case of spillage, cover the spilt amount with sand or soil to absorb the product. Collect the sand or soil with the product absorbed into a suitable container and dispose. Prevent entry of product into drains and ground water.

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

Mop up and collect in dry containers for disposal. Flush area with water. Use non sparking tools.

#### 6.4. Reference to other sections

For disposal see section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Follow good hygiene and safety procedures. Avoid any direct contact with the product. Wash hands with soap and water after handling the product. Keep away from heat, strong acids and oxidizing agents.

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

Store in a cool and dry place. Store away from incompatible materials such as oxidizing agents, strong alkalis. Exposure to ultraviolet light, especially sunlight must be minimized to prevent quality loss.

#### 7.3. Specific end user(s)

No further relevant information available.

### SECTION 8: Exposure controls / personal protection

#### 8.1. Control parameters

No data available.

#### 8.2. Exposure controls

- Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
- General : Eye wash fountain is recommended.

Eye / face protection	:	Safety glasses. A face-shield, if the situation requires.
Skin/body protection	:	Protective clothing. Protective boots, if the situation requires.
Respiratory protection	:	No protection required when adequate ventilation is available at room temperature. In presence of mist or vapor use self-contained respirator. Follow local and national regulation.
Hand protection	:	Protective gloves.

## SECTION 9: Physical and chemical properties

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

Appearance	:	Solid @ 72°F ( 22°C )
Color	:	Waxy white – pale yellow
Form	:	Powder.
Odor	:	Neutral - bland
Odor threshold	:	Not available
pH	:	Not available
Melting point/Freezing point	:	132.8°F (56°C) typical
Boiling point	:	>572°F (>300°C) @ 760 mmHg (101.3kPa)
Flash point	:	>518°F (>270°C) Pensky-Martens Closed Cup
Evaporation rate	:	Not available
Flammability ( solid, gas ):		Not available
Flammability limits in air, lower, % by volume	:	Not available
Flammability limits in air, upper, % by volume	:	Not available
Vapor pressure	:	< 1 mmHg @ 72°F (22°C)
Relative density	:	0.88 – @ 65/25°C
Solubility (H <sub>2</sub> O)	:	Negligible @ 72°F (22°C)
Auto-ignition temperature	:	>480°F (>250°C)
Octanol / H <sub>2</sub> O coeff	:	Not available
Decomposition temperature	:	Not available
Viscosity	:	Not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable under recommended storage conditions

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Sources of heat, ignition and flame.

### 10.5. Incompatible materials

Strong alkalis, strong oxidizing agents

### 10.6. Hazardous decomposition products

Partial combustion results in carbon monoxide, carbon dioxide, aldehydes, ketones. Complete combustion results in the formation of carbon dioxide and water.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute Toxicity : No data available  
 Skin corrosion/irritation : Non irritant  
 Serious eye damage/irritation : Non irritant  
 Respiratory or skin sensitization : No data available  
 Germ cell mutagenicity : No data available  
 Carcinogenicity  
     IARC : No data available  
     NTP : No data available  
 Reproductive toxicity : No data available STOT-  
 single exposure : No data available STOT-  
 repeated exposure: No data available Aspiration  
 hazard : No data available

**SECTION 12: Ecological information**

**12.1. Toxicity**

No data available

**12.2. Persistence and degradability**

No data available

**12.3. Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

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

No data available

**12.6. Other adverse effects**

No data available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Recycle to process if possible. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Dispose of contents/container in accordance with local/regional/national/international regulations.

**SECTION 14: Transport information**

**14.1. UN number**

ADR/RID : -  
 IMDG : -  
 IATA : -

**14.2. UN proper shipping name**

ADR/RID : Not dangerous goods  
 IMDG : Not dangerous goods  
 IATA : Not dangerous goods

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

ADR/RID : -  
 IMDG : -  
 IATA : -

**14.4. Packaging group**

ADR/RID : -  
 IMDG : -

IATA : -

#### 14.5. Environmental hazards

Marine pollutant : -

#### 14.6. Special precautions for user

No data available.

### SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation ( EC ) No. 1907/2006

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

No data available

#### 15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

### SECTION 16: Other information

The submission of the MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied are for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. We assume no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the controlled product.

End of Safety Data Sheet