

**Material Safety Data Sheet
HIGH ACID PALM OIL**

1. HAZARDS IDENTIFICATION

General hazards : Hazardous in case of ingestion.
Slightly hazardous on eye contact (irritant) and inhalation.

2. COMPOSITION AND INFORMATION ON INGREDIENTS

CAS Number : 80002-75-3
EINECS Number : 232-316-1
Customs Tariff Number : 382 319 30
Chemical Name : Fatty acid with Triglycerides of vegetable origin
Composition : 70% Acid from Palm Oil
30% Fractionated Palm Oil (Palm Olein) from Organic origin.
Country of Origin : Thailand

3. FIRST AID MEASURES

Skin contact : Wash off with soap and water
Eye contact : Wash and rinse with plenty of water
Ingestion : Do not induce vomiting.
Loosen tight clothing and seek medical attention.
Inhalation : Remove to well-ventilated area and seek medical attention.

4. FIRE FIGHTING MEASURES

Suitable Extinguishers : Water mist, carbon dioxide, foam, dry powder.
UnSuitable : Water jet
Extinguishers
Flammability : May be combustible at high temperatures.
Auto ignition temp : 316°C (600.8°F)
Flash point : Closed Cup 162°C (323.6°F)

5. ACCIDENTAL RELEASE MEASURES

Personal precautions : Avoid contact with skin, eyes and clothes .
Note that spillages constitute a slipping hazard .
Environmental precautions : Keep away from drains, surface and groundwater.

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Cleaning : Remove spillage using physical methods or absorbents .
Clean with hot water and detergent .

6. HANDLING AND STORAGE

Handling : Normal working hygiene practices should be employed
Storage : Store in a cool, dry place in original tightly sealed containers .
If molten, store at about 10°C above melting point.

7. EXPOSURE CONTROL / PERSONAL PROTECTION

Goggles and overalls should be worn if there is a risk of splashing .
Dust mask may be required .

PROTECTIVE EQUIPMENT :



8. PHYSICAL AND CHEMICAL PROPERTIES

CAS Number : 80002-75-3
EINECS Number : 232-316-1
INCI Name : Elaeis Guineensis (Palm Oil)
Definition : Palm Oil 32-34 Organic from sustainable RSPO and 100% Identity Preserved Sustainable source.
Description : A solid fat at room temperature. White-yellowish in color.
Obtained by crystallization of organic RBD palm oil.
Composition : 70% Palm Oil
30% Fractionated Palm Oil (Palm Olein) from Organic origin.
Applications : Used for baking, frying and other purpose.
Country of Origin : Columbia, India, Indonesia or Malaysia
Typical Analytical Detail
Apperance : Solid fat, white - yellowish color of vegetable origin.
Odor/Flavor : Free from rancid & foreign odor & flavors.
Free Fatty Acid Value : 0.1% maximum
(as Palmitic)
Peroxide Value meq : 1.0 maximum (ex. factory)
O₂/kg
Color Lovibond : 3.0 Red maximum
5.25"cell
Iodine Value g/100g : 52-55
Moisture and volatile matter content : 0.05% maximum
Slip Melting Point : 32 –34°C
Impurity% : 0.05

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Additives	:	50 mg/kg as a processing aid
Citric Acid BP (China)		
Typical Nutritional Information per 100g		
FAT	:	100 g
Saturates	:	49%
Monounsaturated	:	41%
Polyunsaturated	:	10%
Energy	:	900/3700 kcal/kJ

9. STABILITY AND REACTIVITY

Stability	:	Generally stable, becomes rancid on exposure to air.
Avoid	:	Oxidising materials and oxidizing promoting conditions .(Heat & light) Thermal decomposition products are H ₂ O and CO ₂ .

10. TOXICOLOGICAL INFORMATION

Not tested on animals .Human patch tests show no sign of irritation or sensitization on skin .However hazardous if ingested or inhaled.

11. ECOLOGICAL INFORMATION

Readily biodegradable.

12. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations

13. TRANSPORT INFORMATION

No special requirements and no restrictions on transportation by land, sea or oil tanker.
Not classified as hazardous.

14. Regulatory Information

EU Directives	:	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(, establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation)EEC (No 793/93 and Commission Regulation)EC (No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments .
Statutory Instruments	:	The Chemicals)Hazard information and Packaging for Supply (Regulations 2009)S.I .2009 No .716.(
Approved code of practice	:	Classification and Labelling of Substances and Preparations Dangerous for Supply .
Guidance Notes	:	Workplace Exposure Limits EH40

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15. Other Information

The information contained herein is accurate to the best of our knowledge from a variety of sources . No liability can be accepted arising out of the use, application or processing of this product .It is the users 'responsibility to determine the safe conditions for use of this product.