



Kpangnan Butter

Safety Data Sheet

1. Identification of the Substance and of the Company

- 1.1 Identification of the substance: Pentadesma (kpangnan) butter
Trade name: Kpangnan Butter
INCI name: See Section 3.1
- 1.2 Recommended use: Raw material for cosmetic formulations
- 1.3 Identification of manufacturer/distributor:
Distributor: Chemistry Connection
Street address: 253 Sturgis Road
Zip Code/City: Conway, AR 72034
Phone: (501) 470-9689
Email: contact@thechemistryconnection.com
- 1.4 Emergency Contact: (888) 583-7738

2. Hazards Identification

- 2.1 Special hazard for personnel and environment: Not classified as dangerous in relation to EC 1272/2008 and amendments.
Labelling: Not subject to labelling requirements according to EC 1272/2008.
Other hazards: None

3. Composition/Information on Ingredients

- 3.1 Chemical description (mixture): Triacylglycerol

INCI:	CAS no.:	EC/EINICS no.:
Vegetable oil	68956-68-3	273-313-5

4. First Aid Measures

- 4.1 General measures:
- 4.2 Upon inhalation: Not a direct hazard. Remove from area of exposure; seek medical attention for coughing or choking.
- 4.3 Upon skin contact: Not dangerous under normal conditions.
- 4.4 Upon eye contact: Rinse thoroughly with a lot of water for some minutes.
- 4.5 Upon ingestion: Not a direct hazard.
- 4.6 Acute or delayed symptoms: None
- 4.7 Medical or special treatment: None

5. Firefighting Measures

- 5.1 Extinguishing media: Dry fire extinguisher, carbon dioxide.
- 5.2 Not to be used extinguishing media: Water. But use water to cool fire exposed containers.
- 5.3 Special exposure hazard of substance or production, its combustion products and gases thereof:
Combustion products: Irritation gases, carbon monoxide, carbon dioxide.



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5.4	Special protection for firefighting purposes:	According to size of fire. If necessary, full protection, gas mask with independent air supply.
6. Accidental Release Measures		
6.1	Precautions related to personnel:	Be careful! Danger of sliding possible. Avoid contact with eyes.
6.2	Precautions related to the environment:	Try to avoid spilling. Do not empty into drain. Restrict spill to smallest possible area.
6.3	Procedure for clean-up/removal:	Cover with absorbent materiel (e.g. universal binding material, paper towels, sand, siliceous earth). Remove sources of ignition.
7. Handling and Storage		
7.1	Handling:	Keep away from sources of ignition - No smoking. Be careful! Danger of sliding possible. Do not heat in microwave oven. Avoid contact with eyes. Read the regulations on the label carefully.
7.2	Storage:	Store product only in closed original packaging. Keep in a cool and dark place. Keep away from heat.
	Requirement for storage facilities and containers:	Air and waterproof glass or plastic resin containers. Uncoated containers not suitable.
	Additional storage conditions remarks:	The lower the storage temperature the better will be the storage stability.
	Temperature:	Preferably below 10 °C.
8. Exposure Controls / Personal Protection		
8.1	Additional remarks for technical equipment devices:	If necessary melt in water bath.
	Exposure limits:	N/A
8.2	Exposure Controls:	N/A
	Measures for general protection and hygiene:	Handle in accordance with industrial hygiene and safety practices.
	Personal protection devices:	
	Respiratory protection:	No special respirator needed.
	Hand/skin protection:	Wear suitable gloves and normal protection clothing or apron.
	Eye protection:	Eye security glasses, with side shields.
9. Physical and Chemical Properties		
9.1	Appearance:	
	Form:	Semi-solid fat
	Color:	Off-white
	Odor:	Neutral
9.2	Data relevant to safety:	
	Change in physical state:	
	Melting point:	25 - 38 °C
	Boiling point:	>300 °C
	Smoke point:	>150 - 200 °C
	Flash point (AOCS Cc 9a-48):	>250 °C
	Auto-ignition temperature:	>300 °C



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Fire provoking characteristics:	Temperature of more than 200 °C and strong air circulation.
Explosive properties:	The product is not explosive
Explosion limits:	N/A
Vapor pressure:	<0.001 mm Hg
Density:	0.90 – 0.93 g/cm ³ at 20 °C
Water solubility:	Insoluble
pH (10g/l):	N/A
Viscosity:	40 – 50 mPa at 37 °C
9.3 Additional Data:	
Thermal decomposition:	At temperature more than 150 °C
Explosion limits:	None
10. Stability and Reactivity	
10.1 Conditions to be avoided:	Influence of light and heat.
10.2 Substance to be avoided:	Protect from humidity and strong oxidizing agents.
10.3 Dangerous decomposition product:	Irritating gases: Carbon monoxide, Carbon dioxide.
11. Toxicological Information	
11.1 Toxicological testing:	No acute toxicity, no skin irritation, no eye irritation, no sensitisation.
11.2 Practical experience:	Vegetable oils have been sold and used for thousands of years as foods and cosmetics.
11.3 General considerations:	None
12. Ecological Information	
12.1 Information on elimination:	Readily biodegradable.
12.2 Behavior in ecological settings:	Degrading
12.3 Toxic effects on the ecosystem:	None
12.4 Additional ecological information:	N/A
13. Disposal Considerations	
13.1 Product:	Vegetable butter.
Suggested procedure:	Suitable incineration plant. Take notice of National special regulations.
Disposal code:	Suitable waste-disposal site.
13.2 Packaging not cleaned:	
Suggested procedure:	Flush with lukewarm water with any cleaning detergent.
Suggested detergent:	
14. Transportation Information	
14.1 Land transportation ADR/RID and GVS/GGVE:	
GGVS/GGVE:	
ADR/RID:	
Warning board hazard number:	Substance number.
Description of goods:	
Further information:	
Dispatch symbols:	



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Express:
Mail:

14.2 Inland navigation ADN/ADNR:
Further information:

14.3 Offshore sea transportation IMDG/GGVESee:
IMDG/GGVSEE CLASS:
EmS number: MFAG:
Marine pollutant:
Correct technical name:
Technical name: Proper
shipping name: Further
information: Shipping
symbols:

14.4 Air transportation ICAO-TI and IATA-DGR:
ICAO/IATA class:
Correct technical name:
Technical name: Proper
shipping name: Further
information: Shipping
symbols: Packing
regulations:

PAC:
CAO:

Max. net:
Max. net:

14.5 Transportation/additional information: Not considered as a dangerous material according to the above mentioned regulations.

15. Regulatory Information

15.1 Labelling: See Section 2.

15.2 National regulations:
Classification according to VbF:
Water pollution class:
CAS number Substance WGK

16. Additional Information

N/A = Not Applicable

The above information only describes the safety requirements of the product(s) and is given in good faith and based on our current knowledge of the product(s).

The above information is not claiming characteristics of the product(s) in terms of legal claims of performance / guarantee.