



PREMIER SPECIALTIES

Premier Specialties, Inc. 201 Egel Avenue, Middlesex, New Jersey 08846-2502



MANGO BUTTER

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Premier Mango Butter is tropical butter that has a composition resembling that of shea and cocoa butters. It is obtained from the fruit kernels of *Mangifera indica*, a native tree of sub-tropical India. The extraction and subsequent refining, bleaching and deodorizing of the butter results in a product which meets the stringent requirements for cosmetic applications.

Mango Butter has been traditionally used in the rainforests and tropics for its skin softening, soothing, moisturizing and protective properties.

WHY MANGO?

Mango Butter is a semi-solid at room temperature that melts upon contact with skin to provide a luxurious skin feel and excellent spreadability, ideal for numerous personal care applications.

Mango Butter gets its moisturizing and emollient properties from its fatty acid content including oleic, stearic, palmitic and linoleic acids. Rich in C18:0 and C18:1 fatty acids, it is an excellent conditioner for skin and hair restoring softness and elasticity.

Premier Mango Butter's uniform composition of triglycerides and stearic acid helps to produce more stable emulsions with improved resistance to oxidation. Because it is rich in unsaponifiables, it is believed to help with cellular regeneration and UV-protection. Mango Butter also contains tocopherols and tocotrienols that support antioxidant and anti-inflammatory activities.

ACTIVITY OF MANGO BUTTER

- Highly emollient
- Moisturizing
- Facilitates cell renewal/healing
- Protective
- Improved aesthetics
- Soothing

PRODUCT NAME

PREMIER MANGO
BUTTER

APPLICATION(S)

skin care
sun protection
anti-aging
sensitive skin
hair care

COMPOSITION (INCI)

Mangifera indica
(Mango) Seed Butter

ORIGIN

Plant

CAS NUMBERS

90063-86-8

USE LEVEL

0.5-100%

SOLUBILITY

Oil

PRODUCT CODE

Premier #324240



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MANGO BUTTER TYPICAL PROPERTIES



Appearance	Pale yellow soft solid		
Color	Max. 5 red (Lovibond 5 1/4 scale)		
Odor	Neutral		
Free Fatty Acid	1.0% max. as oleic acid		
Iodine Value	37 - 55		
Peroxide Value (Wijs)	10.0 meq/kg max.		
Melting Point	25 - 38°C		
Fatty Acid Profile	Palmitic	C16:0	2-18
	Stearic	C18:0	35-47
	Oleic	C18:1	34-48
	Linoleic	C18:2	2-9
	Arachidic	C20:0	1-7

REFERENCES

- Kaustuv Bhattacharya and Vijai K. S. Shukla, Mango Butter in Cosmetic Formulations. *Cosmetics & Toiletries* 117: 65-70 (2002).
- S. D. Mandawgade and Vandana B. Patravale, Formulation and Evaluation of Exotic Fat Based Cosmeceuticals for Skin Repair. *Indian J Pharm. Sci.* 2008 Jul-Aug; 70(4): 539-542.
- D Puravankara et al., Effect of Antioxidant Principles Isolated from Mango (*Mangifera Indica*) Seed Kernels on Oxidative Stability of Buffalo Ghee (butter-fat). *J. Sci. of Food and Agriculture* March 2000; 80(Issue 4): 522-526.
- Wertz, PW and Downing,DT, Metabolism of linoleic acid in porcine epidermis. *J Lipid Res.* 1990 Oct 31(10):1839-44.
- Wertz, PW et al., Effect of essential fatty acid deficiency on the epidermal sphingolipids of the rat. *Biochim Biophys Acta.* 1983 Oct 11; 753(3):350-5.

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