



# PROTAMEEN

*NATURAL EXOTIC BUTTERS*



PROTAMEEN CHEMICALS INC,

Providing the world's highest quality exotic butters  
for all your personal care formulation needs.....



## EXOTIC NATURAL BUTTERS

Since 1969, Protameen Chemicals has serviced the ever-changing needs of the cosmetics, toiletries, personal care, pharmaceutical and food related industries.

During these 40 years of service, Protameen has established itself as a reliable and trusted source of raw materials.

Over the years, Protameen has worked hard to build strong and enduring relationships with the world's leading multinational producers of consumer based products.

In 2010, Protameen has partnered with International Cosmetics Science Centre, the world's premier researcher and manufacturer of exotic natural butters headed by Professor, Dr. Vijai K S Shukla.

Professor, Dr. Vijai K S Shukla has been working in the area of application of natural lipids such as exotic butters for cosmetic formulations. He has designed a specific method for internal stabilization of exotic lipids through providing enhanced shelf-life of the final product.

The team of Protameen and International Cosmetic Science Center promises to offer the highest quality exotic butters for all of your formulation needs.

# WWW.PROTAMEEN.COM/BUTTERS

## DEDICATED BUTTERS RESOURCES AND FORMULARY GUIDE

### BODY BUTTER

This Body Butter is enriched with natural exotic butters with incredible moisturizing properties. These butters help relieve dry skin, restore elasticity and strengthen the skin's natural moisture barrier.

#### Ingredients:

Phase	INCI NAME	% Wt.
Phase A	1. Water, D.I.	70.60
	2. Protachem GL-26	0.90
Phase B	1. Kokum Butter (Protameen)	4.00
	2. Illipe Butter (Protameen)	3.50
	3. Stearic Acid	3.50
	4. Stearyl Alcohol	2.20
	5. Protachem GMS-165	4.50
	6. Protachem CER	1.00
	7. Dimethicone	3.00
	8. Danomega-3	5.00
	9. BHT	0.10
	10. Protacide NEO (Phenoxyethanol, M.P, P.P, B.P, E.P.)	1.00
Phase C	1. Triethanolamine 99%	0.70 100.00 %

#### MANUFACTURING PROCEDURE:

- 1) In a suitable stainless steel kettle add phase A and mix until uniform while heating to 75° C.
- 2) In a separate stainless steel kettle combine Phase B and heat to 75° C while mixing until melted.
- 3) When both phases are at 75°C slowly add B to A while mixing until homogenous.
- 4) Add Phase C while mixing well.
- 5) As batch thickens switch to planetary mixer and cool to 25°C.

*Specifications: ph = 7.0*

# BUTTER COMPARISONS

	Kokum Butter	Sal Butter	Illipe Butter	Phulwara Butter	Dhupa Butter	Mango Butter	Mowrah Butter	Almond Butter	Shea Butter	Cocoa Butter	
<b>INCI Name</b>	<i>Garcinia Indica Seed Butter</i>	<i>Shorea Robusta Seed Oil</i>	<i>Shorea Stenoptera Seed Butter</i>	<i>Bassia Butyracea Seed Butter</i>	<i>Vateria Indica Seed Butter</i>	<i>Mangifera Indica Seed Butter</i>	<i>Bassia Latifolia Seed Butter</i>	<i>Prunus Dulcis Amara</i>	<i>Butyrospermum Parkii</i>	<i>Theobroma Cacao Seed Butter</i>	
<b>Appearance @ 25°C</b>	White to yellow solid	Light yellow, solid butter	Pale yellow solid fat	White to off white semi-solid	White semi-solid	Pale yellow semi - solid	Soft, light colored butter	Pale yellow butter	White to off white butter	Off-white solid	
<b>Melting Point</b>	32° - 40°C	27° - 38°C	30° - 38°C	25° - 35°C	32° - 39°C	25° - 38°C	28° - 38°C	Max - 25°C	28° - 38°C	31° - 35°C	
<b>Fatty Acid Comp.</b>											
<i>Palmitic</i> C16:0	2-22%	4-18%	14-26%	45-65%	2-15%	2-18%	23-33%	38-48%	3-9%	23-30%	
<i>Stearic</i> C18:0	24-65%	34-49%	30-50%	5-15%	35-52%	35-47%	20-34%	2-7%	34-45%	31-37%	
<i>Oleic</i> C18:1	35-44%	37-48%	32-37%	25-40%	37-48%	34-48%	29-42%	40-60%	38-50%	31-38%	
<i>Linoleic</i> C18:2	0-8%	0-7%	0-8%	0-8%	0-8%	2-9%	2-18%	7-14%	2-9%	1.6-4.8%	
<i>Arachidic</i> C20:0	0-5%	2-9%	NA	NA	0-8%	1-7%	0-5%	NA	NA	0-1.5%	
<b>Properties:</b>											
	<ul style="list-style-type: none"> <li>Emollient</li> <li>Oxidative Stability</li> <li>Stable emulsions</li> <li>Good spreadability</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Oxidative stability</li> <li>Skin softening</li> <li>Good spreadability</li> <li>UV Protection</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Softening effect</li> <li>Good Spreadability</li> <li>Uniform triglyceride composition</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Oxidative stability</li> <li>Skin softening</li> <li>Good spreadability</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Oxidative stability</li> <li>Stable emulsions</li> <li>UV protection</li> <li>Rapid absorption</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Oxidative stability</li> <li>Stable emulsions</li> <li>UV protection</li> <li>Skin softening</li> <li>Good spreadability</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Prevents dry skin/ and wrinkles</li> <li>Reduces degeneration of skin cells and restores flexibility</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Occlusive properties</li> <li>Neutral taste/odor</li> <li>Good oxidative stability</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Skin softening</li> <li>Good water binding</li> <li>Refatting agent</li> </ul>	<ul style="list-style-type: none"> <li>Emollient</li> <li>Oxidative stability</li> <li>Stable emulsions</li> <li>Skin softening</li> <li>Reduces degeneration of skin cells and restores flexibility</li> </ul>	
<b>Uses:</b>											
	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Sun Care</li> <li>Color cosmetics</li> <li>Ideal for chapped lips and hand tissues</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Sun Care</li> <li>Massage creams</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Sun Care</li> <li>Massage creams</li> <li>Color cosmetics</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Sun Care</li> <li>Massage creams</li> <li>Night creams and creams for dry skin</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Massage creams</li> <li>Sun care</li> <li>Natural remedy for rheumatism &amp; epidermal pain</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Massage creams</li> <li>Color cosmetics</li> <li>Sun care</li> </ul>	<ul style="list-style-type: none"> <li>Ointment base</li> <li>Anti-aging products.</li> <li>Balms</li> <li>Color cosmetics</li> <li>Soap bars</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Sun Care</li> <li>Massage creams</li> <li>Color cosmetics</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Stick products</li> <li>Sun and after Sun treatment products.</li> <li>Dry skin</li> <li>Hair conditioners</li> </ul>	<ul style="list-style-type: none"> <li>Skin/body care</li> <li>Massage creams</li> <li>Color cosmetics</li> <li>Balms</li> <li>Color cosmetics</li> <li>Soap bars</li> </ul>	

MOWRAH BUTTER \* KOKUM BUTTER \* ILLIPE BUTTER \* PHULWARA BUTTER \* DHUPA BUTTER \* MANGO BUTTER \* SAL BUTTER \* ALMOND BUTTER \* SHEA BUTTER \* COCOA BUTTER  
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**KOKUM BUTTER** (*Garcinia Indica Seed Butter*) is obtained from the fruit kernels of the tree, *Garcinia Indica*, which grows in India. Kokum Butter is a refined, deodorized fat and is the most stable and hardest vegetable butter known.

Use in Cosmetics:

Kokum Butter is designed for cosmetic applications and can be incorporated in high quantities. It gives stable emulsions due to the uniform triglyceride composition with a high oxidative stability. It has good emollient properties making it a suitable replacement for synthetic emolliency enhancers. It has a softening effect on the skin and will enhance spreadability.

Recommended Use:

1	Skin and body care products	1	Body butters	1	Massage creams
1	Suncare products	1	Make-up products		

**SAL BUTTER** (*Shorea Robusta Seed Butter*) is obtained from the fruit kernels of the tree, *Shorea Robusta*. Sal Butter is characterized by its high content of stearic acid (up to 45%) giving it physical properties comparable to cocoa butter.

Use in Cosmetics:

Sal Butter is designed for cosmetic applications and can be used in high levels. It gives stable emulsions due to the uniform triglyceride composition with high oxidative stability. Sal Butter has great emolliency properties making it a suitable replacement for many synthetic emolliency enhancers. It has a good softening effect and good spreadability on the skin. Sal Butter prevents dry skin and the development of wrinkles and reduces the degeneration of the skin cells and restores the flexibility of the skin.

Recommended Use:

1	Skin and body care	1	Suncare products	1	Color cosmetics
1	Massage products				

**ILLIPE BUTTER** (*Shorea Stenoptera Seed Butter*) is obtained from the nuts of the *Shorea Stenoptera* which is refined and deodorized. Illipe Butter has high amounts of symmetric triglycerides and displays sharp melting characteristics.

Use in Cosmetics:

Illipe Butter is designed for cosmetic applications and can be incorporated in a wide range of products. It yields stable emulsions due to the uniform triglyceride composition. Illipe Butter has good emolliency properties making it a suitable replacement for synthetic emolliency enhancers. It has a softening effect when applied to the skin and has good spreadability. Illipe Butter prevents drying of the skin and the development of fine lines and wrinkles.

Recommended Use:

1	Skin and body care	1	Make-up creams	1	Hair and body butters
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**PHULWARA BUTTER** (*Bassia Butyracea Seed Butter*) is obtained from the seed kernels of the *Madhuca Butyracea* tree. The tree is common throughout Nepal, Bhutan and northern Bengal. The butter is nearly white in color and has a pleasant taste and odor.

Use in Cosmetics:

Phulwara Butter is characterized by its high content of palmitic acid. Phulwara Butter will yield stable emulsions due to the uniform triglyceride composition with a high oxidative stability. It has good emolliency properties making it an excellent replacement for synthetic emolliency enhancers. It has great softening properties and good spreadability on skin.

Recommended Use:

1	Soap	1	Sun Care Products	1	Balms/Body Butters
1	Skin Care Products	1	Color cosmetics		

**DHUPA BUTTER** (*Vateria Indica Seed Butter*), also known as Malabar tallow, is obtained from the dried kernels of the fruit of the *Valeria Indica* Tree, a large majestic tree growing in India.

Use in Cosmetics:

Dhupa Butter is characterized by its high stearic acid content giving it physical properties comparable to cocoa butter. It combines good emolliency properties with superior oxidative stability, making it a suitable replacement for many synthetic emolliency enhancers. It has a good softening effect and spreadability on the skin. It is protective against sunlight and the butter has traditionally been used for soap making in India

Recommended Use:

1	Soap	1	Balms/Body Butters	1	Hair Conditioners
1	Skin Care Products	1	Color cosmetics		

**MANGO BUTTER** (*Mangifera Indica Seed Butter*) is obtained from the fruit kernels of the tree, Mangifera Indica. It is characterized by its high content of stearic acid (up to 45%); giving it physical properties comparable to cocoa butter. Mango Butter is a soft solid at room temperature.

Use in Cosmetics:

Mango Butter is stable in emulsions due to its uniform triglyceride composition and high oxidative stability. It has excellent emollient properties, good skin softening properties and good spreadability on the skin.

Recommended Use:

1	Skin and body care products	1	Make-up products	1	Massage creams
1	Suncare products	1	Body butters		

**ALMOND BUTTER** (*Prunus Dulcis Amara*) is obtained from the dried kernels of the almond tree, Prunus Amygdalus, by cold pressing and subsequent refining.

Use in Cosmetics:

Almond Butter is used as an emollient and carrier in the cosmetic and pharmaceutical industry because it is a stable butter with a neutral taste and odor. Almond Butter has good occlusive properties, enabling it to act as a moisturizing agent by preventing excessive moisture loss through the epidermis. Due to its high content of the monosaturated oleic acid and high content of natural antioxidants, Almond Butter has good oxidative stability.

Recommended Use:

1	Soap	1	Sun Care Products	1	Balms/Body Butters
1	Skin Care Products	1	Color cosmetics		

**MOWRAH BUTTER** (*Bassia Latifolia Seed Butter*) is obtained from the seed kernels of the Indian trees, Madhuca Latifolia and Madhuca Longifolia.

Use in Cosmetics:

Mowrah Butter is solid at room temperature but melts upon contact with skin. It prevents drying of skin and the development of wrinkles, reduces degeneration of skin cells and restores flexibility.

Recommended Use:

1	Soap	1	Skin Care Products	1	Balms/Body Butters
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**SHEA BUTTER** (*Butyrospermum Parkii*) is a tallow-like substance extracted from the kernels of the fruit of the tree Butyrospermum Parkii. Our Shea Butter is refined, bleached and deodorized to obtain a product ideal for the cosmetic industry.

Use in Cosmetics:

Shea Butter is a non-toxic and non-irritating material derived from totally renewable natural resources. Because of its unique fatty acid composition, shea butter is a soft fat which readily melts at body temperature making it a good choice emollient in skin care applications. Shea Butter is an excellent ointment base that releases active ingredients faster than other well known bases. Shea Butter is absorbed quickly by the skin and acts as a refatting agent with good water binding properties.

Recommended Use:

1	Soap	1	Sun Care Products	1	Balms/Body Butters
1	Skin Care Products	1	Color cosmetics		

**COCOA BUTTER** (*Theobroma Cacao Seed Butter*) is the edible fat obtained from the cacao seed (cocoa bean). Typically a solid at room temperature, Cocoa Butter melts at body temperature.

Use in Cosmetics:

Cocoa Butter is one of the most stable, highly concentrated natural fats known. Cocoa Butter is the ultimate moisturizer and has been used to keep skin soft and supple for centuries.

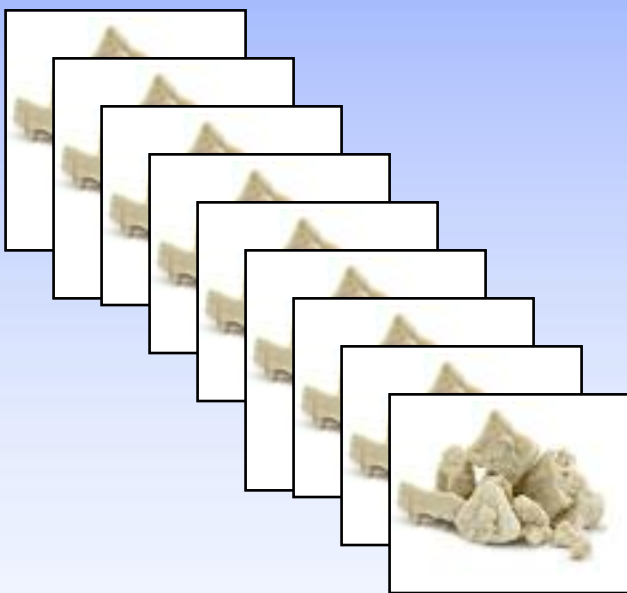
Recommended Use:

1	Skin care products	1	Color cosmetics	1	Lip balms
1	Suncare products				



# PROTAMEEN

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EXOTIC NATURAL BUTTERS**



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ILLIPE BUTTER \* PHULWARA BUTTER  
DHUPA BUTTER \* MANGO BUTTER  
SAL BUTTER \* ALMOND BUTTER  
SHEA BUTTER \* COCOA BUTTER**



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