



Integrity Ingredients Corporation

IntegriBUTTER Sal

INCI Name: Shorea Robusta

Product description:

IntegriBUTTER Sal (Refined) (also known as Shorea Butter) is obtained from the fruit kernels of the Sal tree, Shorea Robusta by physical extraction. Subsequently the butter is carefully refined, bleached and deodorized to obtain a product which meets the stringent requirements for cosmetic applications. It contains mostly C18:0 and C18:1 fatty acids. Sal Butter is solid at room temperature.

INCI name and CAS no.

INCI Name: Shorea Robusta

CAS no: 68956-68-3

Specifications:

Appearance	White to pale yellow solid fat		
Odor	Odorless		
Color (Lovibond 5 1/4 scale)	Max. 5 Red		
% Free Fatty Acid (as oleic acid)	Max. 1,0		
Iodine Value	30 - 50		
Peroxide Value (meq/kg)	Max. 5.0		
Melting point °C	27 - 38		
Fatty Acid Composition in %			
Palmitic	C16:0	3 - 10	
Stearic	C18:0	36 - 55	
Oleic	C18:1	33 - 48	
Linoleic	C18:2	1 - 6	
Arachidic	C20:0	2 - 9	

The variations in fatty acid composition are due to climatic and variety influences.

Use in Cosmetics

IntegriBUTTER Sal (Refined) is characterized by its high content of stearic acid giving it physical properties comparable with cocoa butter. Our Sal 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 emolliency properties making it a very suitable replacement for many synthetic emolliency enhancers. It has a good softening effect and a good spreadability on the skin. Sal Butter is also used as an ingredient in skin care products, massage creams, make-up and sun care products. It has a protective effect against sunlight.

Storage

Keep in a cool (preferably below 5 °C, the cooler the better), dark and dry store-room.

Shelf Life

Under optimal storage conditions, in original unopened drums/containers, minimum one year.

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