

# Glyzer CB100

Coconut Butter



Mild and moisturizing

Melts on the skin

Light colored and odorless



Raw material verified by ECOCERT GREENLIFE, conform to the COSMOS Standard.

# Glyzer CB100

## Coconut Butter

Natural coconut butter for intensive moisturization. Can be used for skin care and hair care products like body butter, body wash, hair conditioner, lip balm, etc.



### MOISTURIZING

Lowers transepidermal water loss of the skin



### NATURAL

Coconut-derived emollient



### LIGHT COLOR

Does not affect the color of the end product



### FRAGRANCE FREE

No coconut smell



### NON-TACKY

Stays on top of the skin and non-greasy

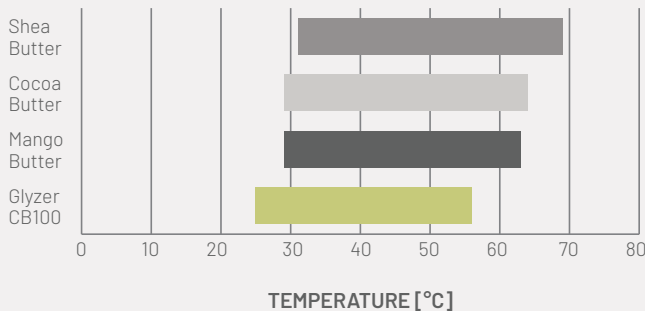


### MELTS ON SKIN

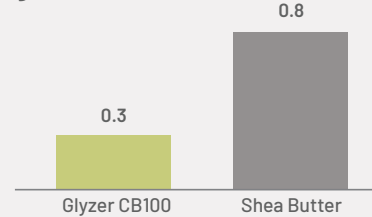
Low melting point, closer to body temperature

## PHYSICO-CHEMICAL PROPERTIES

### MELTING POINT RANGE



### TEWL/MEASUREMENT



The lower the TEWL value, the better the skin's ability to hold moisture.

Glyzer CB100 has lower melting point than the rest of the samples. It is also closer to body temperature which means it can be easily spread on skin and will impart less greasy feel.

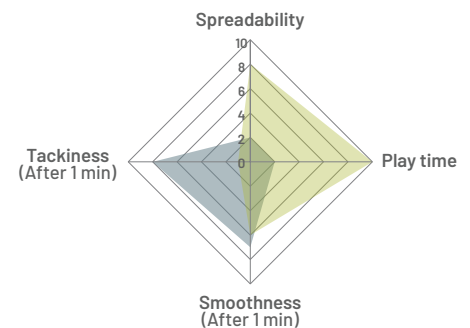
Lotion with Glyzer CB100 has lower TEWL than the lotion with Shea Butter. This means that Glyzer CB100 can improve skin's ability to retain moisture.

## FORMULATION

|         | INGREDIENTS         | INCI NAME   | FUNCTION          | %          |
|---------|---------------------|---|-------------------|------------|
| Phase A | Demineralized Water | Aqua  | Diluent           | q.s to 100 |
|         | Ion Ligand          | Methylglycinediacetic Acid  | Chelating Agent   | 0.10       |
| Phase B | Glysoft RG          | Glycerin  | Humectant         | 5.00       |
|         | Polymer Thickener   | Sodium Acrylates Copolymer (and) Lecithin   | Rheology Modifier | 1.00       |
| Phase C | Gum                 | Xanthan Gum   | Rheology Modifier | 0.50       |
|         | Glyzer CB100        | <i>Cocos nucifera</i> (Coconut) Seed Butter   | Emollient         | 5.00       |
|         | Cetyl Alcohol       | Cetyl Alcohol   | Emulsifier        | 2.00       |
|         | Glyzer CT200        | Caprylic / Capric / Lauric Triglycerides  | Emollient         | 10.00      |
| Phase D | Emulsifier System   | Glyceryl Stearate Citrate, Polyglycerol Polyricinoleate, Sorbitan Isostearate, Triethylhexanoin | Emulsifier        | 1.00       |
|         | Vitamin E           | Tocopheryl Acetate  | Antioxidant       | 0.10       |
| Phase D | Fragrance           |   | Fragrance         | 0.20       |
|         | Preservative        | Phenoxyethanol (and) Ethylhexylglycerin   | Preservative      | 0.80       |
|         | Lactic Acid         | Lactic Acid   | pH Adjuster       | q.s        |

## SENSORY EVALUATION

### GLYZER CB100 VS. SHEA BUTTER



■ Body Lotion (with Shea Butter)  
■ Body Lotion (with Glyzer CB100)

### PROCEDURE

In two separate containers, mix all ingredients under Phase A and Phase B.  
Combine Phase A and B and heat Phase AB to 70°C.  
Mix Phase C, and heat to 70°C  
Once fully melted, add to Phase AB, and remove from heat. At 40°C  
Add Phase D to Phase ABC.