



## Soap Data Sheet

FORMULA AND RECIPE DESCRIPTION FOR SOAPS MANUFACTURED BY THE GREEN PERGOLA

### ● CORNMEAL GARDENER'S BAR

Base Formula	Essential Oils	Additional Ingredients
Water Sodium hydroxide Olive oil Coconut Soybean	Sweet Orange Eucalyptus	Yellow cornmeal

Oil Properties Listed below are the properties and fatty acids contained within each oil used in the soap making process.

- Lauric Acid:** hard bar, cleansing, fluffy lather
- Linoleic Acid:** conditioning, fluffy & stable lather
- Myristic:** hard bar, cleansing, fluffy lather
- Oleic Acid:** Conditioning
- Palmitic Acid:** hard bar, stable lather
- Stearic Acid:** hard bar, stable lather
- Iodine #** the lower the #, the harder the bar

### Standard Soap Size

size shown is standard for retail bars of soap sold by THE GREEN PERGOLA.  
Based on this size, each loaf yields 12 such bars.

#### OLIVE OIL —

Linoleic:12%, Oleic:70%,  
Palmitic:13%, Stearic:4%, Iodine:90

Olive Oil prevents the loss of your skin's natural moisture, softens skin and attracts external moisture to your skin. It helps keep your skin soft, supple and younger looking. It is especially mild and is often used for the making of "baby soap". 100% olive oil soap is known as Castile soap.

#### COCONUT OIL —

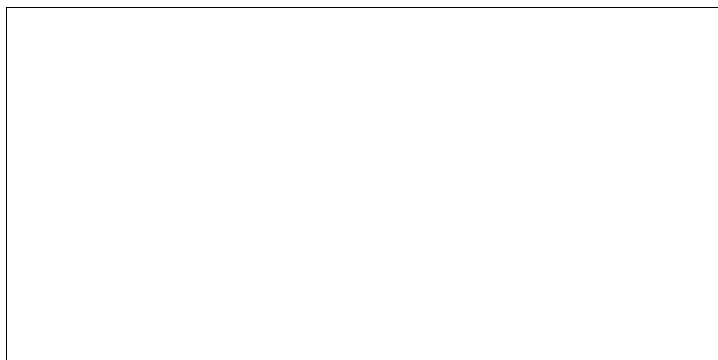
Lauric:45%, Linoleic:2%,  
Myristic:23%, Oleic:10%, Stearic:3%, Iodine:10

Coconut Oil makes a very hard, white bar of soap with abundant lather. It will create large fluffy lather even in very hard water or even sea water. It has been used for centuries in the Tropics for hair and skin care.

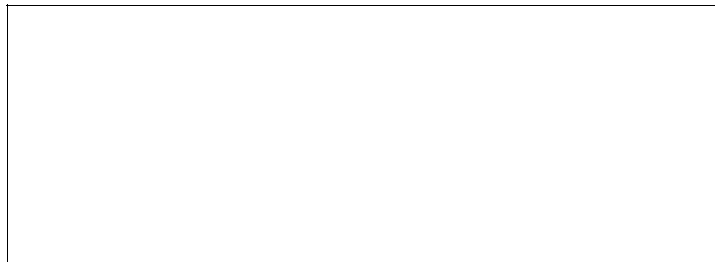
#### SOYBEAN OIL —

Linoleic:50%, Oleic:25%,  
Palmitic:10%, Stearic:5%, Iodine:130

Soybean Oil creates a hard, white bar of soap with a lather that is mild and stable, helping it to last throughout the length of the bath. Soybean adds conditioning properties to the soap and is environmentally friendly.



Actual Bar Size – top view



Actual Bar Size – side view (thickness of bar)

\* Fragrance – Green Pergola soaps are scented with real, plant-based essential oils. Our only exception to this rule is the use of sandalwood. With the rising deterioration of the sandalwood forests, this treasure from India is heading for extinction. With this in mind, we choose to replace the essential oil with a high quality perfume oil in its place.