

# SOAP COMPARISON CHART

## The Joshua Tree Company's Goat Milk Soap *versus* the #1 popular leading brand recommended by Dermatologists

### The Joshua Tree Company's 5.75 oz Bar of Goat Milk Soap NATURAL INGREDIENTS & THEIR BENEFITS

**FARM FRESH GOAT MILK** - High in Vitamin A, which improves complexion, fights acne, & improve overall skin health. Rids skin of dead skin cells & brightens skin tone.

**ORGANIC OLIVE OIL** - Contains antioxidant super powers. Humectant, drawing out moisture into your skin.. A great skin moisturizer.

Relieves skin irritations, prevents & diminishes wrinkles. Fights damaging free radicals.

**ORGANIC COCONUT OIL** - a natural strong disinfectant with antimicrobial properties. Retains the moisture content of the skin, as the fats eliminate moisture loss through the pores on skin. Antioxidant properties which prevents premature aging and skin wrinkling.

**ORGANIC PALM OIL** - High in Vitamin E. An antioxidant which fights aging and free radicals. Penetrates deep enabling healing and protection.

**ORGANIC JOJOBA OIL** - Natural emollient. Perfect oil for sensitive skin. Anti-Inflammatory and anti-bacterial properties. Great for Acne!

**ORGANIC ALMOND OIL** - Anti-Inflammatory. Antioxidant. Immune Booster - topically and internal boosting immunity and provides robust protection from various diseases. Anti-heptotoxic which aids the liver in eliminating toxins.. Excellent moisturizer. Eliminates excessively dry skin.

**ORGANIC CASTOR OIL** - Anti-heptotoxic which aids in eliminating toxins through the liver.

**ORGANIC SHEA BUTTER** - A superb moisturizer with exceptional healing properties for the skin.

**ORGANIC COCOA BUTTER** - Provides deep nourishment and moisture to the skin. Great for Eczema and stretch marks.

**MANGO BUTTER** - Moisturizer. Combats free radicals and protects against sunburn.

**DISTILLED WATER** - water free from impurities that we distill ourselves.

**FOOD GRADE LYE** - a necessary component in soap making. When fats and lye are combined in proper portions, a chemical reaction called saponification occurs, which makes soap.

**100% PURE, UNADULTERATED ESSENTIAL OILS** - Benefits vary.

**NATURAL CLAYS/PLANT COLORANTS** - Benefits vary.

### # 1 Popular Leading Soap Brand 3.5 oz Moisturizing Shea Butter Bar Recommended by Dermatologists INGREDIENTS & SIDE EFFECTS

**SODIUM LAUROYL ISETHIONATE** - Synthetic chemical surfactant. May cause skin rashes. Dangers unknown.  
**STEARIC ACID** - emollient/fatty acid found in animal fat  
**LAURIC ACID** - fatty acid. Surfactant/emulsifier  
**SODIUM TALOWATE** or **SODIUM PALMITATE**- fatty tissue of cattle. Possible GMO.

**WATER** - does not notate if it's free from impurities or additives, such as fluoride, in water supply.

**SODIUM ISETHIONATE** - surfactant/ not enough data.

**SODIUM STEARATE** - surfactant. Skin & Eye irritation.

**COCAMIDOPROPYL BETAINE** - synthetic surfactant.

Eyelid dermatitis, contact dermatitis, asthma-like symptoms, immune system irritant. May produce nitrosamines, and may release formaldehyde (carcinogen). Known to cause allergic dermatitis.

**FRAGRANCE** - Derived from petrochemicals. May cause headaches, dizziness, allergic rashes, skin discoloration, violent coughing, vomiting, skin hyperactivity, irritability, inability to cope, behavioral issues, hormonal disrupter. Due to the range of ingredients used, the type of adverse reactions is broad.

**SODIUM COCOATE** - fatty acid salt mixture.

**BUTYROSPERMUM PARKII (SHEA BUTTER)** - incorrect botanical name. No data available.

**SODIUM CHLORIDE** - salt.

**PROPYLENE GLYCOL** - Preservative. Decreases natural moisture of the skin, weakens protein & cellular structure. Irritation of nasal & respiratory passages, kidney damage/failure, liver abnormalities, neurotoxicity, endocrine disruption. Damages DNA. A 2012 study showed this chemical was linked to death of brain cells. Scientists have tied this chemical to a raised risk to cancer or to neuro-developmental issues. Considered a probable carcinogen.

**TETRASODIUM ETIDRONATE** - chelating agent.

Aggravates skin issues, particularly eczema.

**TETRASODIUM EDTA** - a penetration enhancer, synthetic preservative made from formaldehyde (known carcinogen). Depletes the body of minerals. Breaks down skin's barrier making it easier for other potentially harmful ingredients to enter deeper into tissues and blood stream.

**TITANIUM DIOXIDE (Ci77891)** - a synthetically prepared metal attracted to impurities. Possible carcinogenic to humans. Promotes chronic inflammation and oxidative stress. Damaging to gut lining. Poses a significant health risk to individuals with gut sensitivities such as Crohn's disease and ulcerative colitis. Lung tumors found in rats when inhaled. Damages DNA.

**YELLOW 6** - Linked to cancer. Allergies, hyperactivity, learning impairment, irritability, and aggressiveness.

**YELLOW 5** - possible carcinogen.