

soap characteristics offered by common fats and oils

Fats and Oils	Fatty Acids	Properties	Lather Characteristics	Cleansing Properties
Almond	Oleic 80 % Linoleic 20 % Palmitic 8 % Stearic 2 %	Very Mild. Conditioning and Moisturising	Close, Persistent and Stable	Good
Babassu	Lauric 50 % Myristic 15 % Palmitic 11 %	Mild and Moisturising	Fluffy	Very Good
Castor	Ricinoleic 90 % Linoleic 4 % Oleic 7 %	Mild Conditioning Moisturising	Thick, Lasting, Fluffy and Stable	Fair
Cocoa Butter	Stearic 38 % Oleic 36 % Palmitic 30 % Linoleic 3 %	Moisturising and Conditioning	Stable	Fair
Coconut	Lauric 54 % Myristic 23 % Palmitic 11 % Capric 6 %	Drying when used in large amounts	Fluffy	Very Good
Corn	Linoleic 54 % Oleic 37 % Palmitic 14 % Stearic 3 %	Conditioning	Stable	Fair
Olive	Oleic 80 % Palmitic 14 % Linoleic 15 % Stearic 5 %	Conditioning and Moisturising	Close and Persistent	Good
Palm	Linoleic 11 % Myristic 1 % Oleic 30 % Palmitic 44 % Stearic 5 %	Mild and Moisturising	Lasting, Close, Stable	Very Good
Palm Kernel	Lauric 47 % Myristic 14 % Oleic 18 % Palmitic 9 %	Can be drying when used in large amounts	Fluffy	Very Good
Shea Butter	Linoleic 8 % Oleic 55 % Palmitic 7 % Stearic 45 %	Conditioning and Moisturising	Stable	Fair
Sunflower	Linoleic 74 % Oleic 40 % Palmitic 9 % Stearic 7 %	Conditioning and Moisturising	Close and persistent	Good