

# Coconut Oil

INCI Name: *Cocos Nucifera* (Coconut) Oil

CAS Numbers: 8001-31-8

## Description:

Coconut oil is extracted from the kernel or meat of matured coconuts harvested from the coconut palm (*Cocos nucifera*). It has various applications in food, medicine, and industry. Because of its high saturated fat content it is slow to oxidize. Coconut oil can be used as a skin moisturizer, helping with dry skin and reduces protein loss when used in hair. It is also an important base ingredient for the manufacture of soap. Soap made with coconut oil tends to be hard, although it retains more water than those made with other oils and therefore increases manufacturer yields. It is more soluble in hard water and salt water than other soaps allowing it to lather more easily.



## Technical Data:

	SpecMin	SpecMAX
Color (Lovibond Red) -Cc13b-45	0.0	1.5
Flavor	Bland	Bland
Free Fatty Acid (%) - Ca5a-40	0.0	0.050
Peroxide Value meq/kg -Cd8b-90	0.0	1.0
Iodine Value (cgl/g) - Cd1-25	0.0	1.5
Melt Point (Mettler) F Cc18-80	91.0	99.0
Additives	none	none
SOLID FAT CONTENT Cd16b-93	%	%
SFC @ 50 Deg.F	87.5	97.5
SFC @ 70 Deg.F	45.0	54.0
SFC @ 80 Deg.F	7.5	13.5
SFC @ 92 Deg.F	0.0	5.0
SFC @ 104 Deg.F	0.0	1.5

## Applications:

Used as a hair conditioner, makeup remover, moisturizer, lip balm, massage oil, and in soaps.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

info@mckinleyresources.com • www.mckinleyresources.com