

100% COLD-PRESSED MORINGA OIL

INCI Name: Moringa Oleifera Seed Oil, cold pressed & Filtered

CAS No: 93165-54-9

EINECS No: 273-313-5

Moringa Oleifera, also known as the 'miracle tree' and the 'tree that never dies' is known for its ability to thrive even in harsh agricultural climates – making it an ideal source of income for small holder farmers in Rwanda's less productive regions.

Moringa oil is extracted by cold-pressing the seed kernels of the moringa tree. Also known as 'behen' or 'ben' oil due to the high behenic acid content, Moringa oil is one of the most oxidatively stable botanical oils available. It is a transparent yellow liquid at ambient temperatures with a mild nutty characteristic.



APPLICATIONS

Due to its incredible oxidative stability, moringa oil enables personal care formulations to avoid rancidity for a long period of time. The rich emollience created by the behenic acid provides a distinctive, non-greasy after-feel. Noticeable qualities of the oil in personal care applications include its silky texture, long-lasting moisturizing effect, and ability to soften and soothe skin. Proven applications include: bath & massage oils, creams & lotions, hair preparations, liquid makeup, lipstick and suntan lotions. Moringa oil also has applications as an edible oil. It contains a high ratio of monounsaturated to saturated fatty acids, similar to that of olive oil, and the mild nutty flavor is very appealing to consumers.

PACKAGING DETAILS

Cold-Pressed Moringa Oil is available in standard epoxy steel drums and is packaged under nitrogen. Smaller packaging sizes are available on request.

SPECIFICATIONS

Free Fatty Acid Composition		(4% max)
C14	Myristic	0.5% max
16	Palmitic acid	2 - 10%
C16:1	Palmitoleic acid	1 - 5%
C18	Stearic acid	2 - 8%
C18:1	Oleic acid (9c)	65 - 85%
C18:2	Linoleic acid (9c, 12c)	1% max
C18:3	Linolenic acid	0.5% max
C20:0	Arachidic acid	2 - 5%
C20:1	Gadoleic acid (11c)	4% max
C22:0	Behenic acid	3 - 8%
C24	Lignoceric	2% max

Color	Transparent yellow
Odor	Mild nutty characteristic
Relative Density (at 20 °C)	1.455 – 1.475
Refractive Index (at 20 °C)	4% max
Free Fatty Acid %	8 max
Acid Value	6 max
Peroxide Value	176 - 196
Bath & massage oils	5 - 20%
Creams & lotions	2 - 20%
Hair preparations	2 - 20%
Liquid makeup	2 - 10%
Lipstick	2 - 20%
Binder	1 - 6%
Suntan lotions	10 - 30%

Afrinatural's source is a supplier of natural ingredients to customers in the personal care and specialty oil industries around the world. Afrinatural and our source, convey our commitment to quality natural products from the ground up. Our source is a social-impact business occupying a critical link in the supply chain – connecting hundreds of small-holder farmers to higher-value international markets. We are committed to serving our customers with professionalism and integrity, thereby ensuring benefit for farmer and customer.

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