

CAPRYLIC CAPRIC TRIGLYCERIDES (MCT OIL), PALM-FREE

Fractionated Coconut Oil is also available.

Suitable for beauty and personal care applications.

INCI: Caprylic/Capric Triglycerides

Extraction: Esterification

Processing: Filtration and Deodorization

Shelf Life: 2 Years Minimum

Origin: Europe

Background:

MCT Oil, also known as Caprylic Capric Triglycerides, is gaining widespread attention within the beauty, cosmetic and personal care industries due to its impressive silky, oil-free texture and oxidative stability. Despite the word oil in its name, MCT Oil is actually an ester, not a true oil. It primarily contains Caprylic Acid and Capric Acid, medium chain triglycerides that are fluid at room temperature.

Not all commercially available MCT Oils are produced solely from coconuts. Some MCT products may be produced using unsustainable rapeseed and/or palm oils.

To produce Praan Naturals MCT Oil, a process called esterification is used. Coconut oil is first hydrolyzed to yield the medium chain fatty acids and glycerol. The glycerol is reserved, and the fatty acids undergo distillation to separate them into fractions of different chain lengths. The C8 Caprylic Acid and C10 Capric Acid fractions are then re-esterified with glycerol to form MCT Oil. The oil is then filtered and deodorized.

Unlike pure Virgin Coconut Oil that has a characteristic coconut aroma and that is solid and opaque at room temperature, MCT Oil is a clear, colorless and virtually odorless fluid that pours easily at room temperature.

Our MCT Oil and Fractionated Coconut Oil primarily consist of Caprylic and Capric Triglycerides. However, they are produced using different methods, and both feature important differences in properties, benefits and applications. Please refer to the Comparison Chart shown on the next page and the separate product literature available for our Fractionated Coconut Oil.



Uses:

MCT Oil is highly versatile and is suitable for all skin types. It is gentle enough for sensitive skin. It is especially attractive for incorporation into oil-free cosmetic and personal care formulations intended for oily, combination or problem skin types. It absorbs rapidly and possesses a highly desirable, silky, powdery feel. MCT Oil can be incorporated into massage formulations or used on its own as a very light, non-greasy massage oil. It is also an exceptional substitute for mineral oil. Within aromatherapy and fragancing applications, MCT Oil serves as a virtually odorless carrier for essential oils and other aromatics.

Properties:

- Palm-Free
- Oil-Free
- Highly Stable
- Light
- Clear, Colorless to Yellow
- Virtually Odorless
- Fluid at Room Temperature
- Rapid Absorption
- Non-Greasy
- Smooth, Silky Texture When Applied to Skin
- Minimal to No Sheen Upon Application
- Suitable for All Skin Types
- Emulsifies Easily
- See Spec Sheet for Fatty Acid Composition





CAPRYLIC CAPRIC TRIGLYCERIDES (MCT OIL), PALM-FREE (CONTINUED)

MCT Oil is Perfectly Suited for the Following Personal Care Applications: Skin Care

- Lip Care
- Hair Care
- Nail Care
- Cosmetics
- Aromatherapy
- Massage

Recommended Usage: 1-100%

Standard Packaging: Available in pails and drums.

COMPARISON CHART

	<i>Virgin Coconut Oil</i>	<i>MCT Oil</i>	<i>Fractionated Coconut Oil</i>
INCI:	Cocos nucifera (Coconut) Oil	Caprylic/Capric Triglycerides	Cocos nucifera (Coconut) Oil
Method of Production/Extraction:	Centrifuge of Expeller Pressed Coconut Milk	Esterification (of Glycerol, C8 and C10 Fatty Acids), Filtration and Deodorization	Distillation and Fractionation of Virgin Coconut Oil
Classification:	Fixed Oil	Ester	Fixed Oil Fraction
Shelf Life:	2 Years Minimum	2 Years Minimum	2 Years Minimum
Consistency at Room Temperature:	Solid	Fluid	Fluid
Texture/Feel:	Medium Weight	Light, Silky, Powdery, Oil-Free Feeling	Light, Non-Greasy
Absorption:	Moderate	Very Rapid	Rapid
Sheen After Application:	Moderate Sheen	No Sheen	Minimal Sheen
Color/Transparency:	White/Opaque	Colorless to Yellow	Colorless to Yellow
Aroma:	Characteristic Coconut Aroma	Virtually Odorless	Virtually Odorless

For more information on Praan Naturals premium quality Caprylic Capric Triglycerides (MCT Oil) and other certified organic and conventional lipids, visit PRAANNaturals.com or call our Customer Care department at (800) 340-0080 or (203) 702-2500.

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