

Personal Care Series

PHARMOCARE 8120 MCT

Caprylic/Capric Triglyceride (MCT)

PHARMOCARE 8200 COCO MCT

Caprylic/Capric Triglyceride from **100% Coconut**

PHARMOCARE 8840 PGDD

Propylene Glycol Dicaprylate Dicaprate

PHARMOCARE 8120 and 8200 COCO MCT

INCI: Caprylic/Capric Triglyceride (MCT Oil)

PHARMOCARE 8840 PGDD

INCI: Propylene Glycol Dicaprylate Dicaprate

- Excellent penetration promoting emollient
- Excellent skin spreading agent
- Great skin absorption
- Supports skin breathability
- Skin-smoothing

Caprylic/Capric Triglyceride – also known as MCT Oil – is a clear to yellowish oil derived from sustainable, renewable natural vegetable sources. MCT oil is a triglyceride of the fractionated Caprylic (C8) and Capric Acids (C10).

Pharmacare 8120 and Pharmacare 8200 COCO MCT is neutral in odour and taste. The triglyceride is fully saturated and highly resistant to oxidation. We achieve high purity from carefully selected raw materials and a strict manufacturing process. Our product is free of additives such as antioxidants, solvents and catalyst residues.

Pharmacare 8840 PGDD is the lower viscosity alternative, allowing for more fluid formulations/applications.

Functions

- Non-greasy emollient
- Dispersing agent
- Oil substitute
- Moisturiser
- Solubiliser
- Solvent
- Spreading agent
- Viscosity Modifier

Applications

Sun Care	Lip Care	Oils	Hair Care
<ul style="list-style-type: none">• Sunscreens• After sun• Self-tanning	<ul style="list-style-type: none">• Balms• Creams• Sticks	<ul style="list-style-type: none">• Massage• Bath & Shower• Shaving	<ul style="list-style-type: none">• Oils• Masks
Skin Care	Baby Care	Aerosols	
<ul style="list-style-type: none">• Facial Creams & Masks• Body Lotions• Nail Care• Hand & Foot	<ul style="list-style-type: none">• Creams• Lotions• Cleansing• Wet Wipes	<ul style="list-style-type: none">• Antiperspirants• Deodorants• Perfumes	

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Application

Skin Care

Creams and lotions: Non-greasy emollient oil component with excellent spreadability.

Skin, face, baby oils: Non-oxidizing, penetration promoting emollient.

Massage oils: Non-oxidizing, penetration promoting emollient.

Masks: Emollient skin care additive.

Decorative Cosmetics

Makeup, sticks, mascara:

Dispersing oil component, compatible with pigments.

Makeup remover:

Disperses pigments and acts as a solublizer.

Cleansing Cosmetics

Two-phase foam baths:

Fat component, readily miscible with natural oils and surfactants.

Sunscreens

O/W Sunscreen Creams:

Oil component, compatible with organic and inorganic filter agents.

W/O Sunscreen Creams/Oils:

Oil component, compatible with organic and inorganic filter agents.

Essential Oils

Carrier for Essential Oils:

Excellent due to the odourless, colourless, non-staining nature of the oil.

Pharmacare MCTs use is best suggested for:

- **Body & Skin Care**
- **Facial Care**
- **Sun Care**
- **Hair Care**
- **Colour Cosmetics**
- **Essential Oil Carrier**

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Formulation Guide

Sprayable Emulsion

Although formulated as a water-in-oil emulsion, this sprayable emulsion is surprisingly light and non-greasy. The combination of all the emollients gives a very light and moisturizing skin feel.

Ingredient Name	Function	% w/w
Deionised Water	-	q.s.
Propylene Glycol	Humectant	5
Magnesium Sulfate Heptahydrate	Salting Out	0.2
PEG-30	Emulsifier	2
Pharmacare 8120 MCT / 8200 COCO MCT	Emollient	8
Isostearyl Isostearate	Emollient	6
Pharmacare 8840 PGDD	Emollient	5
Cyclomethicone	Feel Additive	6
Phenoxyethanol	Preservative	0.25
Methylparaben	Preservative	0.125
Propylparaben	Preservative	0.125

Procedure:

1. Combine water, humectant, salting out ingredients and heat to 40°C.
2. Separately, combine emulsifier, emollient, feel additive and heat to 40°C.
3. Combine above with intensive stirring.
4. Homogenise for 1 minute at 10,000rpm.
5. Stir to cool, add preservatives.

Appearance:

White, opaque lotion.