




## **CremerCOOR<sup>®</sup> PG2 C10**

INCI: Polyglyceryl-2 Caprate

-  Refatting
-  Deodorizing
-  100% Vegetable derived

## CremerCOOR® PG2 C10

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### 1. Description:

CremerCOOR® PG2 C10 is a diglyceryl monocaprate produced of vegetable sourced ingredients. CremerCOOR® PG2 C10 combines caring properties such as refatting and moisturization with moderate antimicrobial properties.

This combination helps to maintain not only the hydro balance of the skin, but also to repress unpleasant body odors. All on a 100% natural base.

### 2. Chemical and Physical Properties:

Characteristics	Specification	Unit
Appearance	Colorless, viscous liquid	
Odor	Faintly fatty	
Color APHA	max. 60	
Acid value	max. 2,0	mg KOH/g
Saponification value	165 -175	mg KOH/g
Water content (KF)	max. 0,1	%
Content Monocaprate	> 50	%






### 3. Application:

**CremerCOOR® PG2 C10** can be added to the aqueous and to the oil phase. The formulation of transparent detergent products such as shampoos or body showers is possible up to levels of 3%. The pH value of the final formulation should range between pH 5 and 7 and also during the process the pH should not exceed pH 7.

#### Cosmetic Functions:

**CremerCOOR® PG2 C10** acts as a skin friendly refatting agent and the polar head consisting of two glycerol units helps to moisturize the skin or hair. The known antimicrobial effects of short to medium chain monoglycerides can also be found for this Polyglyceryl-2 Caprate. CremerCOOR® PG2 C10 exhibits a distinctive deodorizing effect and helps to promote the efficacy of deodorants.

Thus CremerCOOR® PG2 C10 use is suggested for:

-  Shampoos
-  Shower Gels and Shower Creams
-  Cleansing Gels
-  Deodorants
-  Body Lotions

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### 4. Formulation Guide:

<b>Velvet Cream Shower</b>		<b>140303-2</b>
<b>Phase A</b>		
Demin. Aqua	Aqua	ad 100,00
Texapon® N 70 <sup>2</sup>	Sodium Laureth Sulfate	10,00
Plantacare® 810 <sup>2</sup>	Caprylyl/Capryl Glucoside	8,00
Tego® Betain F 50 <sup>3</sup>	Cocamidopropyl Betain	4,00
<b>CremerCOOR® PG4 Cocoate org.<sup>1</sup></b>	<b>Polyglyceryl-4 Cocoate</b>	5,00
Euperlan® PK 1200 <sup>2</sup>	Coco-Glucoside, Glycol Distearate, Glycerin	2,00
<b>CremerCOOR® PG2 C10<sup>1</sup></b>	<b>Polyglyceryl-2 Caprate</b>	3,00
Citric Acid	Citric Acid	q.s.
Optiphen® BSB-N <sup>4</sup>	Benzyl Alcohol, Glycerin, Benzoic Acid, Sorbic Acid	q.s.
Sodium Chloride	Sodium Chloride	q.s.
Fragrance	Fragrance	q.s.

#### Procedure:

Mix the ingredients in the given order.

#### Product Properties:

Appearance: viscous solution  
 pH: 5,0 – 5,5  
 Viscosity: 3.000 – 7.000 mPas LVDV-1 prime, Spindel 3, Speed 12

#### Stability:

Stability for 3 month at three different temperatures.

#### Supplier References:

<sup>1</sup>Cremer Care




<sup>2</sup>BASF




<sup>3</sup>Evonik

<sup>4</sup>ISP

## CremerCOOR® PG2 C10

INCI: Polyglyceryl-2 Caprate

-  jerry can with 25 kg
-  PE- drum with 190 kg
-  IBC with 900 kg

-  Store at ambient temperature
-  Protect from freezing
-  Shelf life 18 months

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