

PRODUCT HIGHLIGHT

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REFLEZ WO 10

POLYGLYCERYL-3 POLYRICINOLEATE, SORBITAN ISOSTEARATE

CAS No.: 71902-01-7

WATER IN OIL EMULSIFIER

REFLEZ WO 10 is a PEG-free emulsifier known for its skin-protective properties and its ability to deliver long-lasting hydration. It is especially suitable for creating refined and elegant water-in-oil formulations, offering soft and lightweight textures across a variety of oil types.

REFLEZ WO 10 it enhances spreadability, promotes better absorption of active ingredients, and imparts a glossy finish to the final product.

Benefits

- Provide long lasting
- Enhances texture and spreadability
- Glossy finish

Application

- Sun care
- Skin care
- Baby care

Guided Formulation: Balanceful Cream

PHASE	INGREDIENTS	INCI	FUNCTION	%W/W
A	Feelz BC 337	Butylene Glycol Dicaprylate/Dicaprate	Emollient	1.0
	Reflez HU 246	Heptyl Undecylenate	Emollient	4
	Cetearyl Alcohol	Cetearyl Alcohol	Consistency Agent	0.3
	Reflez WO 10	Polyglyceryl-3 Polyricinoleate, Sorbitan Isostearate	W/O emulsifier	0.5
B	Di Water	Aqua	Solvent	20
	Butylene Glycol	Butylene Glycol	Emollient	5
	Centella Asiatica	Madecassoside, Asiaticoside, Centella Asiatica Extract	Active Ingredient	2
	Glycerine	Glycerine	Solvent	2.0
	Panthenol	Panthenol	Moisturising Agent	1
	Allantoin	Hydrolyzed Sponge	Moisturising Agent	1
	Betaine	Betaine	Moisturising Agent	1
C	Di Water	Aqua	Solvent	up to 100
	Pemulen EZ 4U	Acrylates/c10-30 Alkyl Acrylate Crosspolymer	Thickener	0.25
	Sepinov EMT 10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	Thickener	0.25
	Keltrol CG-T	Xanthan Gum	Thickener	0.25
D	Nature Guard CGE 613	Caprylhydroxamic acid, Glyceryl caprylate, Ethylhexylglycerine, 1,2-Hexandiol	Preservative	0.6

Procedure: Combine Phase A in order and heat up to 75-80°C. In separate beaker, add Phase B one by one. Premix Phase C and heat up to 75-80°C. Add Phase C into B under stirring. and add CB into phase A under stirring. Then homogenize the mixture for 5 minutes. Proceed with stirring and allow to cool to 40°C, add Phase D into bulk and mix until homogenous. Adjust pH if needed. (pH:5-7)

Halal Compliance



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