

PRODUCT HIGHLIGHT

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REFLEZ DD-DI 30

Dimer Dilinoleyl Diisostearate

CAS No. : 378789-57-2

Reflez DD-DI 30 functions as a moisturizing emollient. It is a plant-derived ester oil with medium viscosity that provides a rich and luxurious skin feel. The ingredient exhibits excellent water-retention capability along with good spreadability, thermal stability, and oxidation resistance. It demonstrates strong affinity to the skin, helping to soften and smooth the skin surface. Due to its high refractive index, it enhances gloss and shine in lip products such as lipsticks and lip glosses.

Reflez DD-DI 30 is highly compatible with a wide range of oils and fats, making it suitable for use in pigment dispersions and bases for color cosmetic formulations. It is also widely applied in skincare formulations for its emollient and conditioning benefits.

Benefits

- Excellent water retention
- Good spreadability
- Soften and smooth skin
- Enhance gloss and skin

Application

- Colour Cosmetics
- Skin Care
- Sun care

Blooming Effect test



With Reflez DD-DI 30
No blooming effect
after 1 month



Without Reflez DD-DI 30
Shows blooming effect
after 1 month

Gliding Effect Performance



A) With Reflez DD-DI 30
Showed a smoother application and
glided easily across the skin, providing
an even and comfortable layer.

B) Without Reflez DD-DI 30
Demonstrated poor spreadability and
resistance during application, leading to
an uneven finish

Guided Formulation: LIPSTICK

Phase	Ingredients	Function	%	Trade Name
A	Oleyl Erucate	Emollient	15	Naturaz OE 231
	Dimer Dilinoleyl Diisostearate	Glossy agent	15	Reflez DD DI 30
	Butylene Glycol Dicaprylate/Dicaprate	Emollient	21	Feelz BC 337
	Euphoria Cerifera Cera	Binder	10	
	Polyethylene	Binder	3	
B	Polyglyceryl-2 Triisostearate	Dispersing Agent	10	
	Titanium Dioxide, Polyglyceryl-4 Isostearate, Hexyl Laurate, Cetyl PEG?PPG-10/1 Dimethicone, Isopropyl Titanium Triisostearate	Colour Pigment	7	
	CI 77491, Polyglyceryl-4 Isostearate, Hexyl Laurate, Cetyl PEG?PPG-10/1 Dimethicone, Isopropyl Titanium Triisostearate.	Colour Pigment	18	
C	Tocopherol Acetate	Antioxidant	1	

Procedure: Premix all PHASE A in main beaker and heat up to 80°C. Mix well until all melted. Add PHASE B one by one into bulk and continue heat. Mix well until all melted. Add PHASE C one by one into bulk. Mix well until homogeneous. Pour into mould.

Halal Compliance



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technicalsupport@cidols.com



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