

PRODUCT HIGHLIGHT

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REFLEZ PGIS 32

POLYGLYCERYL-3 DIISOSTEARATE

CAS No.: 63705-03-3

WATER IN OIL EMULSIFIER

REFLEZ PGIS 32 is a PEG-free W/O emulsifier. It has lightweight emollient properties for skin. It causes low irritation and exhibit good compatibility with the eyes and skin.

REFLEZ PGIS 32 also effectively disperses inorganic pigments and offers a soft rich skin feel. In colour cosmetics, it improves spreading, pay-off and enhances colours application.

Benefits

- Soft, rich skin feel
- Can be used in emulsions with relatively high levels of salt.
- Improves pay-off and even application of colour cosmetics.
- Cold process compatible

Application

- Colour cosmetics

Guided Formulation: SPF Tinted Serum

PHASE	INGREDIENTS	INCI	FUNCTION	%W/W
A	Reflez PGIS 32	Polyglyceryl-3 Diisostearate	W/O Emulsifier	4
	Naturaz PP 217	Polyglyceryl-3 Polyricinoleate	W/O Emulsifier	3
	Polyhydrostearic Acid	Polyhydrostearic Acid	Thickener	0.5
	Naturaz IL 208	Isoamyl Alcohol	W/O emulsifier	10
	ZincClear XP65 Coco	Zinc Oxide, Coco-caprylate/caprate	UV protection	20
	Feelz GH 236	Triheptanoin	Emollient	5
B	Reflez PGIS 23	Polyglyceryl-2 Triisostearate	Colour Dispersant	5
	BYO-NJE3	Iron Oxides (Ci 77492), Jojoba Esters	Pigment	10
	BRO-NJE2	Iron Oxides (Ci 77491), Jojoba Esters	Pigment	0.0625
	RBTD-671-NJE2	Titanium Dioxide (Ci 77891), Jojoba Esters	Pigment	1.25
	BEUB-NJE3	Ultramarine, Jojoba Esters	Pigment	0.0125
C	Di Water	Aqua	Solvent	up to 100
	Butylene Glycol	Butylene Glycol	Moisturising Agent	5
	Sodium Chloride	Sodium Chloride	Stabiliser	2
	Silica	Silica	Sensory improvement	3.0
D	Fortis PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	0.8
	Fragrance Vanilla	Parfum	Parfum	0.3

Procedure: Combine Phase A in order. In separate beaker, add Phase B in order and wet the pigment until paste form. Then add B into A under stirring. Mix well. Premix Phase C in separate beaker. Then add Phase C into AB slowly under stirring. Mix well until all homogeneous. Add Phase D one by one into bulk. Mix well.

Halal Compliance



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