
ADEKA NOL GT-930

Reference Formulation

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Day Cream	[T15D-16-002]
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Day Cream

[T15D-16-002]

	Cosmetic label name	Raw material	Manufacturer	wt%
A	Polyglyceryl laurate-10	S Face L-1001	Sakamoto Yakuhin Kogyo	0.50
	Polysorbate 20	RHEODOL TW-L120	Kao	0.50
	Ethylhexyl hydroxystearate	SALACOS EH	Nisshin Oillio	2.5
	Triethylhexanoin	TIO	Nisshin Oillio	6.5
B	Polyurethane-59, BG, water	ADEKA NOL GT-930	ADEKA	3.3
	Diglycerin	Diglycerin 801	Sakamoto Yakuhin Kogyo	2.5
	PPG-9 Diglyceryl	SY-DP9	Sakamoto Yakuhin Kogyo	1.5
	Water	Water		to 100
		Preservative		qs
C	Titanium oxide, aluminum hydroxide, stearic acid, cyclopentasiloxane, dimethicone/vinyldimethicone crosspolymer, polyglyceryl-2 isostearate	Cosmeserve WP-TTN (V)	Dainihon Kasei	30.00

<Steps>

- I. Heat A and B to 80°C, mix and dissolve.
- II. Add A to B and stir with a homo mixer to emulsify. (6000 rpm, 5 minutes, 80°C)
- III. Add C to II, stir and mix with a homo mixer. (6000 rpm, 5 minutes)
- IV. Cool to 40°C while stirring.

The resulting O/W cream contains titanium oxide from ADEKA NOL GT-930 with high levels of emulsifiability and powder dispersibility. With its spreadability and light texture, it can be used as a makeup base.

Cleansing Cream

[T15D-17-005]

	Cosmetic label name	Raw material	Manufacturer	wt%
A	Mineral oil	Liquid paraffin		50.0
	Isononyl isononanoate	KAK99	Kokyu Alcohol Kogyo	10.0
	PEG/PPG-60/11 glycerin	ADEKA NOL M-3228	ADEKA	2.0
	Polysorbate 60	RHEODOL TW-S120V	Kao	3.0
	Sorbitan sesquioleate	RHEODOL AO-15V	Kao	3.5
B	Polyurethane-59, BG, water	ADEKA NOL GT-930	ADEKA	1.5
	Glycerin	Concentrated glycerin		5.0
	Water	Water		to 100
		Preservative		qs

<Steps>

- I. Heat A and B to 80°C, mix and dissolve.
- II. Add A to B and stir with a homo mixer to emulsify. (6000 rpm, 5 minutes, 80°C)
- III. Cool to 40°C while stirring.

The cleansing cream obtained makes the best use of the ability
of ADEKA NOL GT-930 to contain a high oil content.
The cream has excellent stability and skin touch while containing 60% or more
of oily ingredients.

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