



Self-Tanning Cream with RICE NS

"Formulation of INNOSPEC modified by RHEOLAB for AGRANA STARCH"

RICE NS supports the effect of self-tanning products

The Self-Tanning exhibits the following properties
It shows good electrolyte stability; it is non-greasy; spreads smoothly; very even on application and leaves the skin feeling soft

Ingredients	INCI-Name	%w/w	Supplier
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Phase A

NIKKOL TMGS- 5V	PEG-5 Glyceryl Stearate	2,00	
Brij S10	Steareth - 10	0,10	CRODA
Crodacol C70	Cetyl Alcohol	0,80	CRODA
Caprylic / Capric Triglyceride	Caprylic / Capric Triglyceride	4,00	
Finsolv TN	C12 – 15 Alkyl Benzoate	2,00	INNOSPEC
Finsolv – EMG 20	Methyl Gluceth-20 Benzoate	6,00	INNOSPEC

Phase B

dH2O	Aqua	q.s to 100	
RICE NS	Dimethylimidazolidinone rice starch	1,50	AGRANA

Phase C

Deionized water	Aqua	10,00	
Dihydroxyacetone	Dihydroxyacetone	5,00	RONA / MERCK
Erythulose	Erythulose	1,50	DSM

Phase D

Euxyl- K100	Benzyl Alcohol. Methylchloroisothiazolinone methylisothiazolinone	0,50	Schülke & Mayr
Fragrance		q.s	
Citric Acid (10 % Solution)		q.s to pH 4.0	



Phase E

RHEOSOL AVH	Sodium Polyacrylate and Ethylhexyl Stearate and Trideceth-6	1,50	RHEOLAB Ltd / UK
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Viscosity = 17100 (cPs Brookfield, spindle 6, 20rpm)

PROCEDURE

1. Heat Phases A & B separately to 65 °C.
2. Add B to A while mixing vigorously and allow to cool.
3. Add Phases C, D and E while stirring and continue stirring until a homogeneous white cream is formed.

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