Sinerga
SKIN EVOLUTION

PROLIX RB

In harmony with nature

PRESERVATIVE FREE

ICEA ETHICAL AND ENVIRONMENTAL CERTIFICATION INSTITUTE
COSMOS APPROVED

*

FOCUS INFO

INCI NAME

Polyglyceryl-3 Rice Branate

SPECIFICATIONS

Aspect:	waxy solid, flakes
Color:	from ivory to pale yellow
Odor:	characteristic
pH (5% disp.):	6.00 - 8.00
Usage:	3-4% in milks or lotions 4-6% in creams
HLB:	10 ± 1

COSMETIC APPLICATIONS

- Soft day creams
- Fluid emulsions
- Milks
- Make-up
- AHA serums

VEGETABLE ORIGIN

SAFE PROFILE

O/W EMULSIFIER

Non-ionic polyglyceryl derived from fatty acids of rice bran oil. The specific linkage between the hydrophilic and the lipophilic chain gives a perfect stability to the emulsion.
It forms particularly fresh and light O/W emulsions that are pleasant to the touch and enriched with the eudermic functional properties of rice bran oil. Prolix derives from 100% vegetable renewable sources:

- ✓ Glycerin
- ✓ Fatty acids from rice

PROPERTIES

- Wide range of viscosity (from fluid to consistent emulsion) and applications
- Rice bran oil nourishing properties
- No need to use other co-emulsifiers
- Compatible with all rheological additives
- High stability at large range of temperatures
- It gives superior consistency to the emulsion maintaining an optimal level of absorbency.
- It leaves the skin hydrated with an excellent soft end-feel.

*Available also Chinese inci name, listed in IECIC

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PROLIX RB

MULTIFUNCTIONAL BLEMISH CONTROL
LSIN8611

INGREDIENTS	PHASE	%	FUNCTION
PROLIX RB (Polyglyceryl-3 Rice Branate)	A	5.00	Emulsifier
Isononil Isononanoato		2.00	Emollient
Coco-Caprylate		5.00	Emollient
Ethylhexyl Palmitate		5.00	Emollient
Tocopheryl Acetate		0.20	Anti-oxidant
Lecithin, Tocopherol, Ascorbyl Palmitate, Citric acid		0.05	Anti-oxidant
Aqua	B	To 100	Solvent
Glycerin, Panthenol		2.00	Humectant
Sodium Benzoate		0.40	Preservative
Trisodium Ethylendiamine Disuccinate		0.20	Chelant
Xanthan Gum		0.30	Rheological agent
STAR ANISE EXTRACT (Illicium Verum (Anise) Fruit Extract (and) Maltodextrin)	C	2.00	Active
Aqua		9.00	Solvent
Potassium Sorbate	D	0.20	Preservative
Aqua		1.00	Solvent
RED ALGA GEL (Ahnfeltiopsis Concinna Extract)	E	2.00	Active
PARFIOL (Parfum)		0.50	Mic. Inhibitor
Parfum	F	0.30	Parfum
C.I.42090 0.1% solution	G	qb	Colorant
Citric acid	H	qb	pH adjuster

CHARACTERISTICS

Aspect:	Fluid emulsion
Color:	Light green
Odor:	Characteristic
PH:	4.5 - 5.0
Brookfield viscosity SP 4, RPM 20:	?

METHOD

Weight phase A and heat at 70/75°C. Weight phase B, heat at 70°C and disperse B' under fast stirring. Add A to B under fast stirring.
At 40°C add C under fast stirring. Cool down to room temperature and add D to G one at a time until it forms a homogeneous system. Adjust pH with H.

DOUBLE DELICATE GOMMAGE
LSIN8448

INGREDIENTS	PHASE	%	FUNCTION
Aqua	A	To 100	Solvent
Glycerin		5.00	Humectant
Trisodium Ethylendiamine Disuccinate		0.20	Chelant
Sodium Benzoate		0.30	Preservative
Xanthan Gum		0.30	Rheological agent
Microcrystalline Cellulose (and) Cellulose gum		0.50	Rheological agent
PROLIX RB (Polyglyceryl-3 Rice Branate)	B	5.00	Emulsifier
Cetearyl Alcohol		1.50	Emollient
Prunus amygdalus dulcis oil		4.00	Emollient
Oryza Sativa (Rice) Bran Oil		2.00	Emollient
Simmondsia Chinensis (Jojoba) Seed Oil		4.00	Emollient
Dicaprylyl Ether		3.00	Emollient
Lecithin, Tocopherol, Ascorbyl palmitate, Citric acid		0.05	Anti-oxidant
VEROCHIC® (Shikimic acid)	C	1.00	Active
Aqua		5.00	Solvent
Sodium Hydroxyde 30% solution	D	0.45	
PARFIOL (Parfum)	E	1.00	Micr. Inhibitior
Oryza sativa (Rice) Powder	F	2.00	Exfoliating Agent
Parfum	G	0.20	Parfum

CHARACTERISTICS

Appearance:	Semi-consistent emulsion
Colour:	White
Odour:	Characteristics
pH:	4.5 - 5.0
Brookfield Viscosity (SP 6 RPM 10):	30.000 - 50.000 mPa·s

METHOD

Weight phase A and heat at 70°C, then add the rheological agents until completely dispersed. Heat phase B at 70°C, then add B to A under fast stirring until it forms a homogeneous emulsion. Cool down to 30°C and add the remaining phases until it forms a homogenous system. Stir cold.

6000000029 - rev 02/2022

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