



SUPREME®

Perfect blend of nature and skin feeling



COSMOS-standard AISBL
COSMetics Organic Standard



FOCUS INFO

INCI NAME

Polyglyceryl-3 Rice Branate, Cetearyl Alcohol, Sucrose Stearate

SPECIFICATIONS

Appearance:	waxy flakes
Colour:	from ivory to pale yellow
Viscosity:	characteristic
pH (10% sol.):	6.00-7.50
Theoretical HLB:	11 ± 1
Melting point:	60-70°C
% H ₂ O (K.F.):	1.00

COSMETIC APPLICATIONS

Soft creams, city filters, sun-care creams.



VEGETABLE ORIGIN



SAFE PROFILE

DESCRIPTION

100% Vegetable non-ionic emulsifier obtained by the combination of polyglyceryl derivative of fatty acids from rice bran oil, cetearyl alcohol and a sugar derivative. It forms particularly light and soft O/W emulsions that are pleasantly velvety to the touch. Thanks to its characteristics, SUPREME® is the key element for sensorial properties and vegetable origin.

PROPERTIES

Supreme® is very well balanced to offer outstanding emulsifying properties. The particular structure gives to the formulation a perfect stability and an excellent skin feeling thanks to its nourishing and softening properties.

HIGHLIGHTS

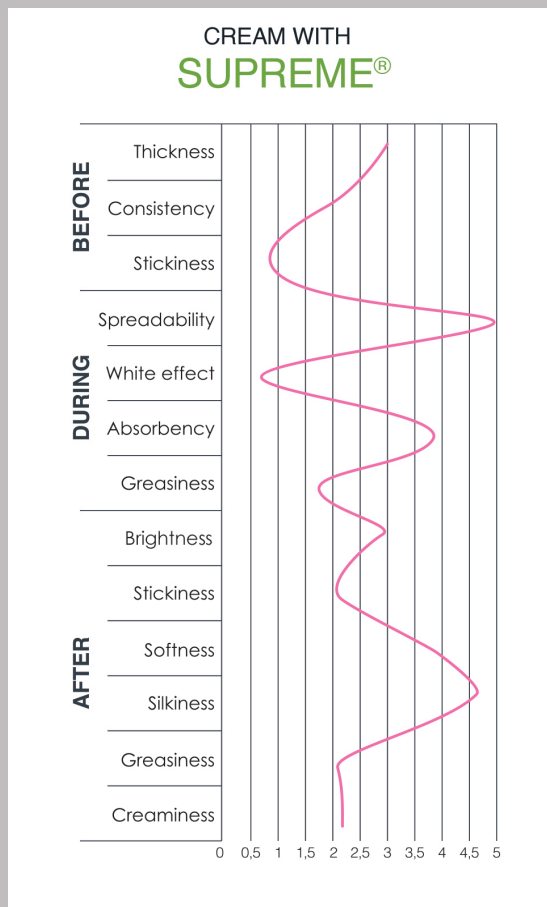
- Compatible with different % of lipidic phase, up to 35%
- Compatible with physical and chemical sun filters
- 100% from vegetable sources
- No need to use other co-emulsifiers

TECHNICAL BENEFITS

- High compatibility with physical and chemical sun filters
- High stability at different temperatures
- Rice bran oil nourishing properties
- Silky and soft touch

SKIN FEELING

Its high spreadability and absorbency leaves the skin soft and silky without greasiness or white effect.



SUN CARE CREAM SPF 30

INGREDIENTS	PHASE	%w/w
SUPREME® (Polyglyceryl-3 Rice Branate, Cetearyl Alcohol, Sucrose Stearate)	A	5,00
Cetearyl Alcohol	A	2,00
C12-15 Alkyl Benzoate	A	2,00
Isononyl Isononanoate	A	2,00
Butyl Methoxydibenzoylmethane	A	3,00
Ethylhexyl Salicylate	A	5,00
Homosalate	A	8,00
Ethylhexyl Methoxycinnamate	A	7,50
Octocrylene	A	6,00
Tocopheryl Acetate	A	0,20
Bisabolol	A	0,20
Water	B	51,50
Bisodium EDTA	B	0,10
Carrageenan	B	0,50
Xanthan Gum	B	0,30
Panthenol and Glycerin	B	2,00
Gluconolactone (and) Sodium Benzoate (and) Calcium Gluconate	B	1,20
Lactic acid	C	0,30
Tyrostan PF (Potassium Caproyl Tyrosine)	D	2,00
Fragrance	E	0,20

METHOD

- Heat phase A and B at 75°C, dispersion of rheologic compound. Add phase A to B under fast stirring
- Weight phase C and add to A + B until the expected pH value
- Cool down at 30°C and add C + D

CHARACTERISTICS

Aspect: semi-solid emulsion
 Colour: white Ivory
 Odour: characteristic
 pH: 6,6
 Viscosity: ≈ 13200 mPa*s

*Formulation tested in Sinerga Research Centre according to stability and laboratory manufacturing procedures.