

SABOSOFT RP

A natural alternative
to synthetic sensory enhancers



SABOSOFT RP

Premium quality with low microbial levels free flowing texturizing powder from local and upcycled sources.

INCI NAME: *Oryza Sativa (Rice) Starch*

CAS No.: 9005-25-8

OVERVIEW

- High quality: low microbial levels, free-flowing, with minimal dust
- Production: obtain mechanically from upcycled rice brokens (centrifuged rice milk)
- **NOI (ISO 16128)** = 1 (low bacterial count by heat treatment non by gamma irradiation)
- **Origin:** locally produced (Italy)
- **IECIC** listed and **Annex 14** available

TECHNICAL CHARACTERISTICS

- **Appearance:** fine loose white odourless powder
- Spherical particle shape
- Very small particle size
- Good oil absorption
- **Density:** 550-600 g/L
- **Concentration of use:** 1-5% when used as texturizing enhancer

FUNCTIONS

- High performance alternative to mineral texturizers and talc
- Texturizer: reduce greasiness and stickiness of formulations
- Mattifier
- Soft focus
- Velvety-powdery soft skin feel
- Opacifier (toiletries & gels)
- Improves pay-off and reduce bleeding
- Boostes creaminess of foam
- Sebum/dirt absorption
- Soothing agent
- Light scrubbing agent

FORMULATIONS

- Emulsions
- Hydro or Lipogels
- Anhydrous formulations
- Detergents
- Hot pours
- Pressed or Loose Powders

APPLICATIONS

- Face Care
- Body Care
- Hair Care
- Toiletries (liquid, powder or solid)
- Sun Care
- Color Cosmetics

BABY LOTION **SPF 30**

Procedure:

1. Prepare Phase I by adding UV filter into the liquid emollients (DISM and NSIL MB). Heat up to 75-80 °C. Once filters are solubilized, add the emulsifiers. When everything is homogeneous, add zinc oxide.
2. Prepare Phase II and heat up to 75-80 °C till a transparent gel is formed.
3. Add I into II at 3000-3500 rpm for 3-4'.
4. Add in sequence the ingredients of Phase III under stirring and mix under turboemulsifier again for 2' at 300 rpm.

- Appearance: yellowish glossy emulsion
- Viscosity (S04, 20 rpm): 14100 mPa·s
- pH: 7,1 (0.9% sol 50% citric acid)

Phase	Raw Materials	INCI Name	Function	%
I	SABOCARE® PGS	<i>Polyglyceryl-4 stearate</i>	Emulsifier	4
	SABOCARE® P6OL	<i>Olive Oil Polyglyceryl-6 Esters</i>	Emulsifier	2,5
	SABONAL C16 MB	<i>Cetyl alcohol</i>	Co-emulsifier and thickener	2
	SABOCARE® UV DHHB	<i>Diethylamino Hydroxybenzoyl Hexyl Benzoate</i>	UV Filter	5
	SABOCARE® UV EHT	<i>Ethylhexyl Triazone</i>	UV Filter	5
	SABODERM DISM	<i>Diisostearyl Malate</i>	Lipidic Emollient	8,00
	SABOSOFT NSIL MB	<i>Caprylic/Capric Triglyceride; Oryza Sativa Bran Oil,Tocotrienols</i>	Active Agent	1,00
	-	<i>Zinc Oxide</i>	UV Filter	8,20
	-	<i>Sodium Stearoyl Glutamate</i>	Co-emulsifier	0,50
	-	-	-	-
II	-	<i>Aqua</i>	Solvent	53,70
	-	<i>Glycerin</i>	Humectant	3,00
	-	<i>Xanthan Gum</i>	Rheology Modifier	0,50
III	-	<i>Tocopherol, Helianthus Annuus Seed Oil</i>	Anti-oxidant	0,50
	-	<i>Phenoxyethanol, Ethylhexylglycerin</i>	Preservative	1,10
	SABOSOFT RP	<i>Oryza Sativa Starch</i>	Texturizer	4,00
	-	<i>Parfum</i>	Parfum	0,50
	SABOCARE® PDA MB	<i>Dilinoleic acid/propanediol copolymer</i>	Filming Agent	0,50



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