



PROD'HYG

we personally care

All-in-one series



*One ingredient,
More possibilities.*

*Prodhyluid[®],
let's open up your creativity...*



All-in-one Series

Inspired from multifunctional finished products trend, PROD'HYG has decided to show you the possibility to create multi textures from only one emulsifier: *ProdhyFluid*[®].

Firstly especially developed for ultra-fluid emulsions (wipes, mist...), *ProdhyFluid*[®] is an ingenious complex that instantly emulsifies itself into water. Smart combination, it avoids the usual difficulties encountered as creaming, sediment, dephasing,... and provides stable products in time and at temperature. PEG-free, liquid, cold processable, it meets needs of the market and follows an eco-responsible approach. Not only an emulsifier, *ProdhyFluid*[®] is also naturally moisturizing due to its composition, leaving the skin smooth and comfortable.

What becomes even more interesting is, when used in association with texturizers or stabilizers, *ProdhyFluid*[®] also offers the possibility to create milky to creamy textures.

This new emulsifier is then not just dedicated to ultra-fluid textures but it gets a multi-functional emulsifier, ideal for developing your creativity!

Let's experience the capabilities of *ProdhyFluid*[®] through a body mist, a protective milk and a removal cream.

Mist & Moist

Developed with only 10 INCI, this ultra-fluid mist is a new generation of body moisturizer!

Light but moisturizing, ultra-fluid but stable, thanks to just **ProdhyFluid®** into water, this formulation offers to the skin a fresh and quick application by leaving it smooth and comfortable.

More than a simple mist, its aqueous touch turns into a velvety and silky skin feel. The skin is supple and nourished by an exceptionally immediate and lasting moisturization (+73% up to 2h / +29% after 8h Corneometer).

When 10 INCI rhyme with technicity, pleasure and performance, that is the way to go!

Ref 10IPF-CP-21A

Phase	Trade Name	Supplier	INCI Name	Function	%
A	Water	-	AQUA	-	qs
B	ProdhyFluid®	PROD'HYG	SORBITAN OLEATE • POLYSORBATE 80 • CAPRYLIC/CAPRIC TRIGLYCERIDE • SQUALANE • PRUNUS AMYGDALUS DULCIS OIL • POLYSORBATE 20 • TOCOPHEROL	O/W Emulsifier	10,00
	Vanille FEMA	Floressence	PERFUME	Perfume	0,10
C	ProdhySeptine® P	PROD'HYG	PHENOXYETHANOL	Preservative	0,75

Aspect: White, ultra-fluid / pH: 6.5 - 6.8 / viscosity: N.A.

Process:

- Mix Phase B ingredients.
- *Emulsion*: At room temperature, under stirring, add slowly Phase B into phase A and mix until uniform.
- Add Phase C, mix until uniform.




Positioning:

Global / Base formula cost ≈ 2.0 €/kg

Application:

Body spray – Leave on

Infos Pack:

Panache Pulse Sprayer 

Flask Colonna 15mL - Ring 20-410

 **REBHAN**
Kunststoffverpackungen

Daily Protect

Designed for a daily use, this milk will be your best ally to be well protected!

Associated with *Saboflow SAT*, *ProdhyFluid*[®] gives a stable milky texture. Enriched in *Saboderm CV*, a good alternative to cyclomethicones, and *Saboderm OP*, a light emollient, this milk is easy to apply, not sticky and let the skin soft and nourished.

A specific mixture of sun filters, including *Heliosol*[®] 3, insures a SPF30 while, with its fine texture, *Babassu Oil* helps to reduce the greasiness of sun filters and offers anti-free radicals and anti-ageing properties. To complete this protection, *ProdhyDerm*[®] Curcuma is used as an antioxidant extract and *ProdhyDerm*[®] XPP CE gives an overall action by fighting against photo-induced ageing and oxidative stress.

Ref PSPF-CP-19

Phase	Trade Name	Supplier	INCI Name	Function	%
A	Water	-	AQUA	-	qs
	Saboflow SAT*	SABO	SODIUM ACRYLATE • SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	Gelifying agent	0,50
B	Parsol [™] Shield	DSM	BIS-ETHYLHEXYLOXYPHENOL METHOXYPHENYL TRIAZINE	UV Filter	5,00
	Saboderm CV*	SABO	COCO CAPRYLATE	Emollient	6,00
	Saboderm OP*	SABO	ETHYLHEXYL PALMITATE	Emollient	6,00
	Tocopherol	BASF	TOCOPHEROL	Antioxidant	0,10
	Parsol [™] 1789	DSM	AVOBENZONE	UV filter	2,00
	Babassu Oil	PROD'HYG	ORBIGNYA OLEIFERA SEED OIL	Emollient	2,00
	Heliosol[®] 3	PROD'HYG	ETHYLHEXYL METHOXYCINNAMATE	UV filter	8,00
B2	ProdhyFluid[®]	PROD'HYG	SORBITAN OLEATE • POLYSORBATE 80 • CAPRYLIC/CAPRIC TRIGLYCERIDE • SQUALANE • PRUNUS AMYGDALUS DULCIS OIL • POLYSORBATE 20 • TOCOPHEROL	O/W Emulsifier	20,00
C	ProdhySeptine[®] PCD	PROD'HYG	PHENOXYETHANOL • DECYLENE GLYCOL • CAPRYLYL GLYCOL	Preservative	0,80
	Lucia Nude Light 26	Floessence	PERFUME	Perfume	0,20
D	ProdhyDerm[®] XPP CE	PROD'HYG	GLYCERIN • QUERCUS ROBUR WOOD EXTRACT • CITRIC ACID • POTASSIUM SORBATE • SODIUM BENZOATE	Protective active	1,50
	ProdhyDerm[®] Curcuma	PROD'HYG	AQUA • GLYCERIN • CURCUMA LONGA ROOT EXTRACT • CITRIC ACID • POTASSIUM SORBATE • SODIUM BENZOATE	Antioxidant extract	3,00
E	Lactic acid 10%	PROD'HYG	AQUA • LACTIC ACID	pH adjuster	qs

Aspect: Light yellow milk / pH: 5.0 – 6.0 / viscosity: 1 400cPs (DV-M63; Vit 50)

Process:

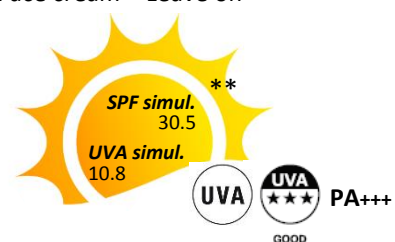
- *Phase A*: Under stirring, spread Saboflow SAT in the water and mix until uniform.
- *Phase B*: Under stirring, heat all Phase B1 ingredients up to 75°C. Mix until uniform and cool down to 35°C. Then add Phase B2 and mix until homogeneous.
- *Emulsion*: At room temperature, add slowly Phase B into phase A. Homogenize during 5min.
- Premix Phase C ingredients and add it to the mixture. Homogenize 5min.
- Add Phase D ingredients one by one and stir between each add.
- Adjust pH with Phase E, if necessary, between 5.0 - 6.0. Mix until uniform.

Positioning:

Global formula cost ≈ 18.7 €/kg
Base formula cost ≈ 5.5 €/kg

Application:

Face cream – Leave on



** : Values estimated by software calculation.
Non in vivo, non in vitro tested.

Smooth & Remove

Adapted to all skin types, this make up remover is the cream of the crop!

Obtained thanks to a mix of **Sabogel CR**, a carbomer developing a suspensive and viscous gel, **Cetostearyl Alcohol 50/50**, a consistency agent and **ProdhyFluid®**, our moisturizing self-emulsifier, this cream offers a light watery feel associated with a nourishing finish. **Saboderm NDO**, a good refatting emollient, insures a good spreadability and non-oily feel while, **Moringa Oil**, rich in Ω9 and extracted from the tree that never dies, offers protecting and cleansing properties.

For a perfect result, **ProdhyGem® O2**, providing necessary skin energizing and oxygenating properties, is combined with **Sodium Hyaluronate 1%**, a powerful moisturizer, and **ProdhyActif® Softening**, a clever mix of plants with soothing properties.

Ref LDPF-CP-26B

Phase	Trade Name	Supplier	INCI Name	Function	%
A	Water	-	AQUA	-	qs
	Sabogel CR*	SABO	CARBOMER	Gelifying agent	0,20
	NaOH 18%	-	AQUA • SODIUM HYDROXYDE	pH adjuster	qs
B	ProdhyFluid®	PROD'HYG	SORBITAN OLEATE • POLYSORBATE 80 • CAPRYLIC/CAPRIC TRIGLYCERIDE • SQUALANE • PRUNUS AMYGDALUS DULCIS OIL • POLYSORBATE 20 • TOCOPHEROL	O/W Emulsifier	10,00
	Cetostearyl alcohol 50/50	PROD'HYG	CETEARYL ALCOHOL	Consistency agent	3,00
	Moringa Oil	PROD'HYG	MORINGA OLEIFERA SEED OIL	Cleansing oil	2,00
	Saboderm NDO*	SABO	DECYL OLEATE	Emollient	6,00
	Tocopherol	BASF	TOCOPHEROL	Antioxidant	0,10
C	ProdhySeptine® PCD	PROD'HYG	PHENOXYETHANOL • DECYLENE GLYCOL • CAPRYLYL GLYCOL	Preservative	0,80
	Malinette Light 26	Floessence	PERFUME	Perfume	0,20
D	ProdhyGem® O2	PROD'HYG	RIBES NIGRUM BUD EXTRACT • GLYCERIN • CITRIC ACID • POTASSIUM SORBATE • SODIUM BENZOATE	Oxygenating agent	1,00
	Sodium hyaluronate 1%	PROD'HYG	AQUA • SODIUM HYALURONATE • PHENOXYETHANOL • METHYLPARABEN • PROPYLPARABEN	Moisturizing agent	2,00
	ProdhyActif® Softening	PROD'HYG	PROPYLENE GLYCOL • CALENDULA OFFICINALIS FLOWER EXTRACT • ANTHEMIS NOBILIS FLOWER EXTRACT • TILIA CORDATA FLOWER EXTRACT • CENTAUREA CYANUS FLOWER EXTRACT • CHAMOMILLA RECUTITA FLOWER EXTRACT • HYPERICUM PERFORATUM FLOWER EXTRACT	Softening agent	2,50

Aspect: White cream / pH: 5.0 - 6.0 / Viscosity: 70 000cPs (DV-M64; Vit 4)

Process:

- **Phase A:** Spread Sabogel CR over the water and wait until it is completely moisturized. Homogenize by stirring and add, drop by drop, the NaOH solution until you reach pH = 5. A colourless transparent gel is obtained. Heat up to 60°C.
- **Phase B:** Under stirring, heat all Phase B ingredients up to 60°C.
- **Emulsion:** At 60°C, slowly add phase B into phase A. Homogenize during 5min. Then cool down at 35°C.
- Premix Phase C ingredients and add it to the emulsion.
- Add Phase D ingredients one by one and stir between each add.



Positioning:

Global formula cost ≈ 8.4 €/kg
 Base formula cost ≈ 4.0 €/kg

Application:

Facial make up remover – Apply with a coton pad – Leave on

Products Index

FUNCTIONAL INGREDIENTS		
EMULSIFIERS		
ProdhFluid®	SORBITAN OLEATE • POLYSORBATE 80 • CAPRYLIC/CAPRIC TRIGLYCERIDE • SQUALANE • PRUNUS AMYGDALUS DULCIS OIL • POLYSORBATE 20 • TOCOPHEROL	O/W self-emulsifying base for ultra-fluid to fluid formulas
TEXTURIZERS / GELIFYING AGENTS		
Cetostearyl alcohol 50/50	CETEARYL ALCOHOL	Consistency agent
Sabogel CR*	CARBOMER	Aqueous gelling agent
Saboflow SAT*	SODIUM ACRYLATE • SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	Aqueous gelling agent & emulsifier
EMOLLIENTS / HUMECTANTS		
Babassu Oil	ORBIGNYA OLEIFERA SEED OIL	Dry emollient with anti-ageing properties
Moringa oil	MORINGA OLEIFERA SEED OIL	Nourishing and protective emollient
Saboderm CV*	COCO CAPRYLATE	Light and dry emollient
Saboderm NDO*	DECYL OLEATE	Shiny emollient
Saboderm OP*	ETHYLHEXYL PALMITATE	Non oily and velvety emollient
PRESERVATIVES		
ProdhSeptine® P	PHENOXYETHANOL	Preservative
ProdhSeptine® PCD	PHENOXYETHANOL • DECYLENE GLYCOL • CAPRYLYL GLYCOL	Broad spectrum preservative
UV FILTER		
Heliosol® 3	ETHYLHEXYL METHOXYCINNAMATE	Organic UV Filter (lipo)

ACTIVE INGREDIENTS & VEGETAL EXTRACTS		
ProdhActiv® Softening	PROPYLENE GLYCOL • CALENDULA OFFICINALIS FLOWER EXTRACT • ANTHEMIS NOBILIS FLOWER EXTRACT • TILIA CORDATA FLOWER EXTRACT • CENTAUREA CYANUS FLOWER EXTRACT • CHAMOMILLA RECUTITA FLOWER EXTRACT • HYPERICUM PERFORATUM FLOWER EXTRACT	Soothing plant complex
ProdhDerm® XPP CE	GLYCERIN • QUERCUS ROBUR WOOD EXTRACT • CITRIC ACID • POTASSIUM SORBATE • SODIUM BENZOATE	Anti-free radical active
ProdhDerm® Cucurma	AQUA • GLYCERIN • CURCUMA LONGA ROOT EXTRACT • CITRIC ACID • POTASSIUM SORBATE • SODIUM BENZOATE	Antioxidant extract
ProdhGem® O2	RIBES NIGRUM BUD EXTRACT • GLYCERIN • CITRIC ACID • POTASSIUM SORBATE • SODIUM BENZOATE	Oxygenating agent
Sodium Hyaluronate 1%	AQUA • SODIUM HYALURONATE • PHENOXYÉTHANOL • MÉTHYLPARABEN • PROPYLPARABEN	Powerful moisturizing agent

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