



Natural & Sustainable



StabiCare™ COLD

A cold-processable O/W emulsifier that realizes dreams filled with natural beauty



StabiCare™ COLD

Characteristics



Emulsions are cold processable, making the formulation **CO₂-friendly**.



1% StabiCare™ COLD is already enough to make a **powerful O/W formulation**.



StabiCare™ COLD is **natural** and **microplastic-free**.



It is possible to **incorporate up to 80% of oil** into the water.



It is possible to make **sprays up to butters**.



The **skin feel is light** and very pleasant.



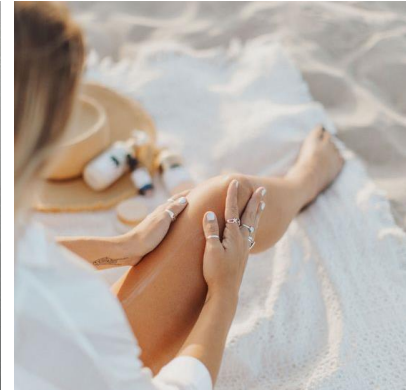
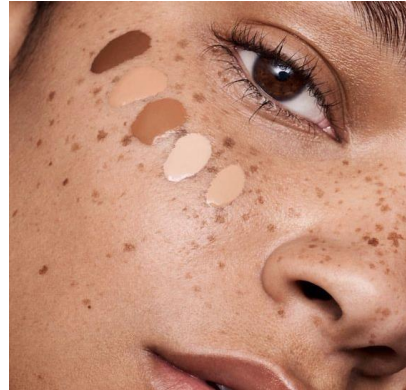
Safe



StabiCare™ COLD

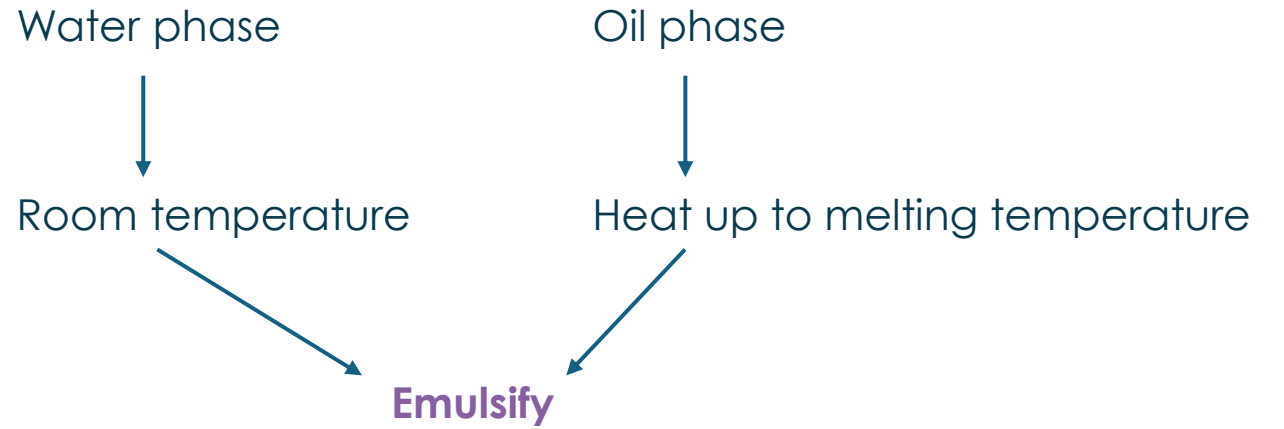
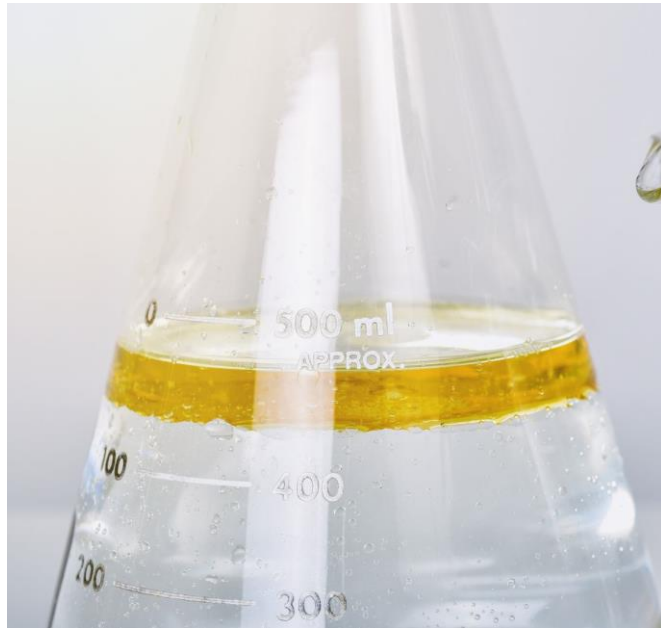
Applications

- Colour cosmetics
- Baby care
- Masks products
- Cleansing products
- Sun cosmetics
- Foaming emulsions



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Semi-Cold Process



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Formulation – Touch Me Lotion



Ingredients

PHASE	PRODUCT NAME	INCI	FUNCTION	%
A	Water	Aqua	Solvent	QS
	Amigel SM2 Granulated ⁽¹⁾	Sclerotium Gum	Thickener	0,3
	Keltrol T ⁽²⁾	Xanthan Gum	Stabilizer	0,05
	PREBIULIN® C90 ⁽³⁾	Cellulose Gum, Xanthan Gum, Inulin, Cellulose, Glucose, Fructose	Sensorial	0,45
	STABICARE™ COLD ⁽³⁾	Aqua, Pentylene Glycol, Sodium Stearoyl Glutamate, Polyglyceryl-4 Laurate	Emulsifier	1
	Hydrolite 5 Green ⁽⁴⁾	Pentylene Glycol	Preservative	QS
	Cosphaderm Sodium AS ⁽⁵⁾	Sodium Anisate	Preservative	QS
B	Jajoba Oil Golden	Simmondsia Chinensis Seed Oil	Vegetable Oil	5
	Cetiol V ⁽⁶⁾	Decyl Oleate	Emollient	5
	Babassu Oil Refined	Orbignya Oleifera Seed Oil	Vegetable Oil	3
	Rice Bran Oil Refined	Oryza Sativa Bran Oil	Vegetable Oil	7
	Cosphaderm T-70 Non GMO ECO ⁽⁵⁾	Tocopherol, Helianthus Annuus Seed Oil	Anti-oxidant	0,2
	Acticire MB ⁽⁷⁾	Acacia Decurrens Flower Cera, Helianthus Annuus Seed Cera, Jojoba Esters, Polyglycerin-3, Tocopherol	Vegetable Wax	1
	GOSULIN® IL ⁽³⁾	Isoamyl Laurate, Isoamyl Cocoate	Emollient	2
C	PREBIULIN® AGA ⁽³⁾	Inulin	Prebiotics active	1
	TOSOLIN® P ⁽³⁾	Mannose, Glucose, Beta-Glucan, Sodium Hyaluronate	Active – sunfan enhancer	0,06
D	NaOH / Citric Acid	Sodium Hydroxide / Citric Acid	pH adjuster	QS

Suppliers: Alban Muller ⁽¹⁾, CP Kelco ⁽²⁾, Gobiotics ⁽³⁾, Symrise ⁽⁴⁾, Cosphatec ⁽⁵⁾, Basf ⁽⁶⁾, Gattefosse ⁽⁷⁾

Procedure

PHASE	TEMPERATURE	PROCEDURE
A	RT	Mix AMIGEL with Xanthan Gum and PREBIULIN® C90 untill clear (2 hours). Add the rest of ingredients of A. Mix well.
B	RT	Premix B untill clear, add to A and homogenize 5 min/10 000 rpm
ABC	RT	Add C, mix well.
ABCD	RT	Check pH, should be between 5-5,5.



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Formulation – Purifying Body Cream



Ingredients

PHASE	PRODUCT NAME	INCI	FUNCTION	%
A	Water	Aqua	Solvent	QS
	Keltrol T ⁽¹⁾	Xanthan Gum	Stabilizer	0,4
	Glycerin	Glycerin	Humectant	5
	Hydrolite 5 Green ⁽²⁾	Pentylene Glycol	Preservative	QS
	STABICARE™ COLD ⁽³⁾	Aqua, Pentylene Glycol, Sodium Stearoyl Glutamate, Polyglyceryl-4 Laurate	Emulsifier	10
B	Sunflower Oil High Oleic	Helianthus Annuus Seed Oil	Vegetable oil	10
	GOSULIN® IL MB ⁽³⁾	Isoamyl Laurate	Emollient	5
C	REMYTEC® F-ECO ⁽³⁾	Oryza Sativa Starch	Starch	15
	preBIULIN® FOS ⁽³⁾	Inulin, Fructose	Prebiotics active	2
D	Lactic Acid 90% Heat Stable	Lactic Acid	pH adjuster	QS

Suppliers: CP Kelco ⁽¹⁾, Symrise ⁽²⁾, Gobotics ⁽³⁾

Procedure

PHASE	TEMPERATURE	PROCEDURE
A	RT	Mix Keltrol-T until it is clear (2 hours). Add the rest of ingredients of A. Mix well.
B	RT	Add premixed B to A. Homogenize 5 min. 10 000rpm.
ABC	RT	Add C to AB.
ABCD	RT	Neutralize to 4.8-5.6.



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StabiCare™ COLD vs INUTEK® SL1



	StabiCare™ COLD	INUTEK® SL1
Naturality	Natural certified	Not natural certified
Cationics	Not compatible	Compatible
Skin feel	Stickiness and greasiness remain the same	Stickiness and greasiness are reduced



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Technical Information



- **INCI/CFTA** Aqua, Pentylene Glycol, Sodium Stearoyl Glutamate, Polyglyceryl-4 Laurate
- **Aspect:** Liquid
- **Solubility:** Water soluble
- **Dosage:** 1-10%
- **NOI=** 1.0
- **NI=** 0.5



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THANK YOU FOR YOUR ATTENTION!

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