

Multifunctional Emulsifiers / Multifunktionelle Emulgatoren

Background Articles from COSSMA, issue 8/2013, page 14 ff.

Natural Ingredients with a sensory effect

http://media.cossma.com/epaper_en/2013/07/full/index.html#/14

http://www.cossma.com/fileadmin/all/cossma/Archiv/2014/12/COS1308_16_Clariant_GB.pdf

Natürliche Inhaltstoffe mit sensorischen Effekten

<http://media.cossma.com/epaper/2013/07/full/index.html#/14>

http://www.cossma.com/fileadmin/all/cossma/Archiv/2014/12/COS1308_16_Clariant_D.pdf

Formulations using the ingredients presented:

Fresh Body Lotion

http://www.cossma.com/fileadmin/all/cossma/Archiv/Formulations2012/COS1412_16ClariantFreshBodyLotion.pdf

Green Tea Energizing Day Cream

http://www.cossma.com/fileadmin/all/cossma/Archiv/Formulations2012/COS1412_16ClariantGreenTeaCream.pdf

Light Yet Nourishing Cream – COLD PROCESS

http://www.cossma.com/fileadmin/all/cossma/Archiv/Formulations2012/COS1412_16ClariantLightCream.pdf

Refreshing Cucumber Moisturizer

http://www.cossma.com/fileadmin/all/cossma/Archiv/Formulations2012/COS1412_16ClariantRefreshingCucumber.pdf

Ultra Moisture Night Cream – COLD PROCESS

http://www.cossma.com/fileadmin/all/cossma/Archiv/Formulations2012/COS1412_16ClariantUltraMoistureNight.pdf

Additional Charts & Illustrations:

Figure 1 - Liquid crystalline structures in emulsion

Bild 1: Flüssigkristallstruktur in Emulsion

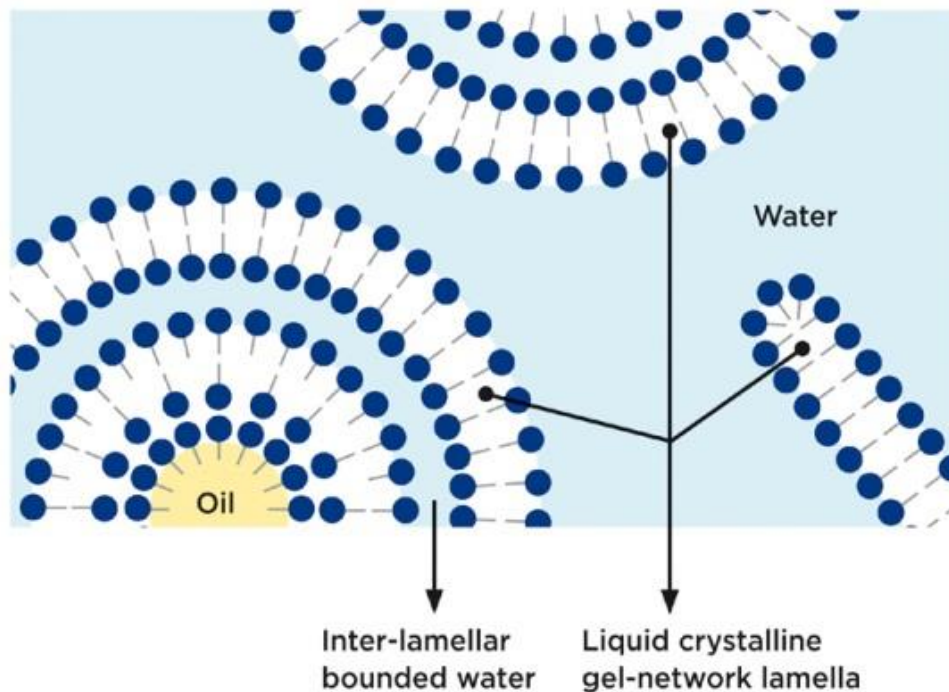


Bild 2: Mikroskopische Darstellung flüssigkristalliner Strukturen

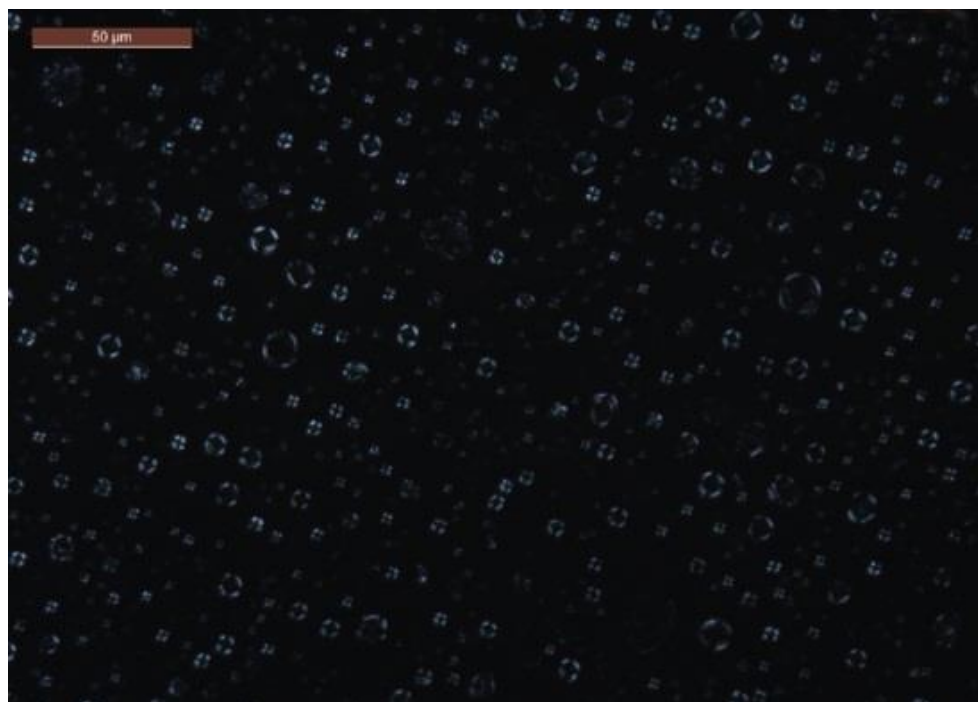


Figure 3: Sensorial properties overview

Bild 3: Sensorik-Überblick

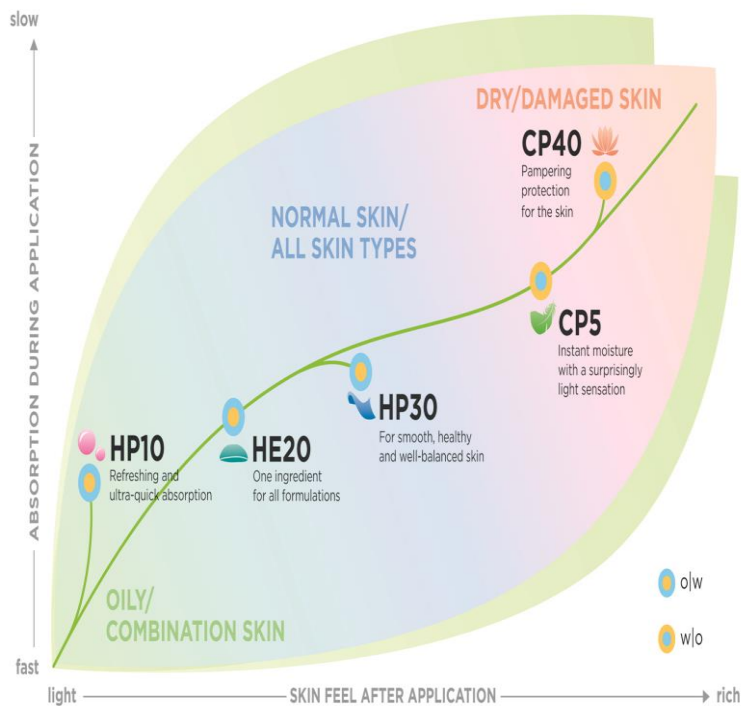


Figure 4 - Immediate moisturising effect

Bild 4: Darstellung der feuchtigkeitsspendenden Wirkung

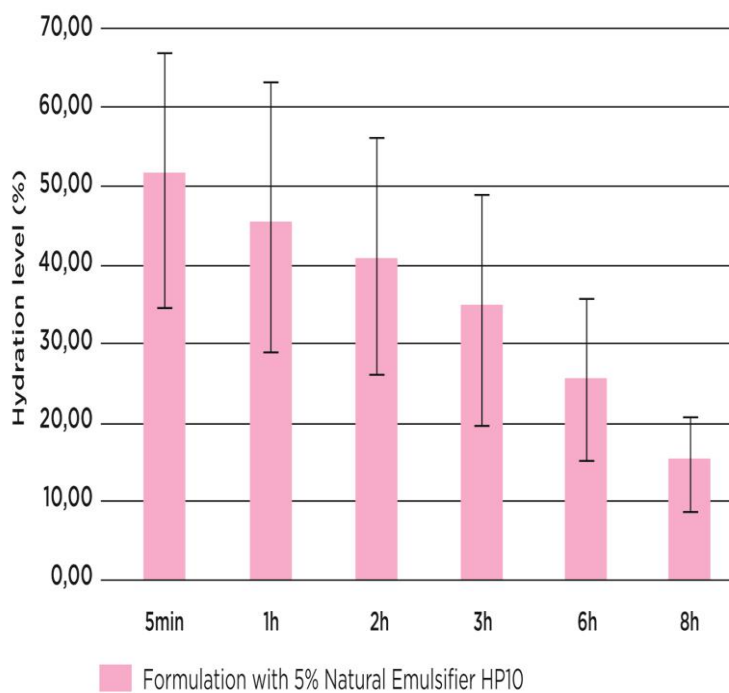


Figure 5 - Barrier restitution properties of Natural Emulsifier HP30

Bild 5: TEWL-Grafik

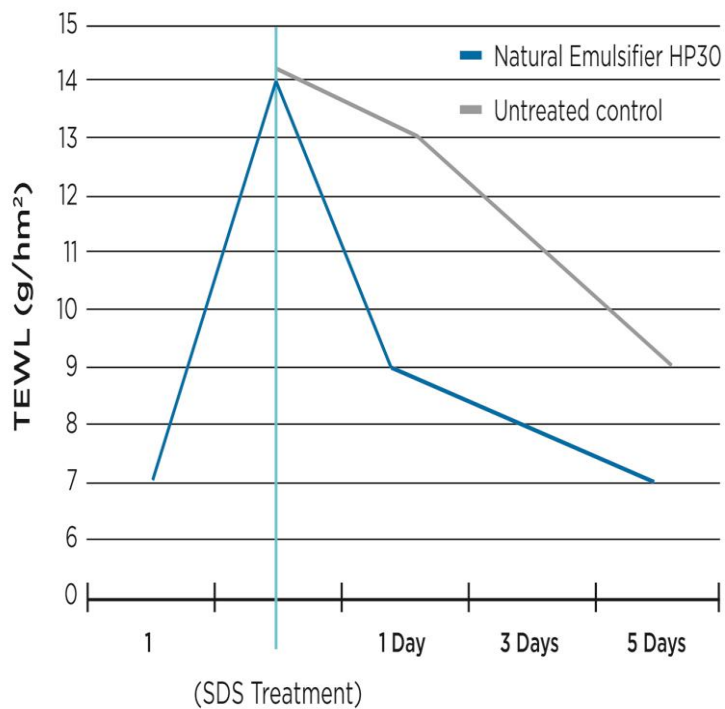


Figure 6 - Viscosity vs Natural Emulsifier HP30 Concentration

Bild 6: Darstellung der Viskosität in Abhängigkeit von der Konzentration

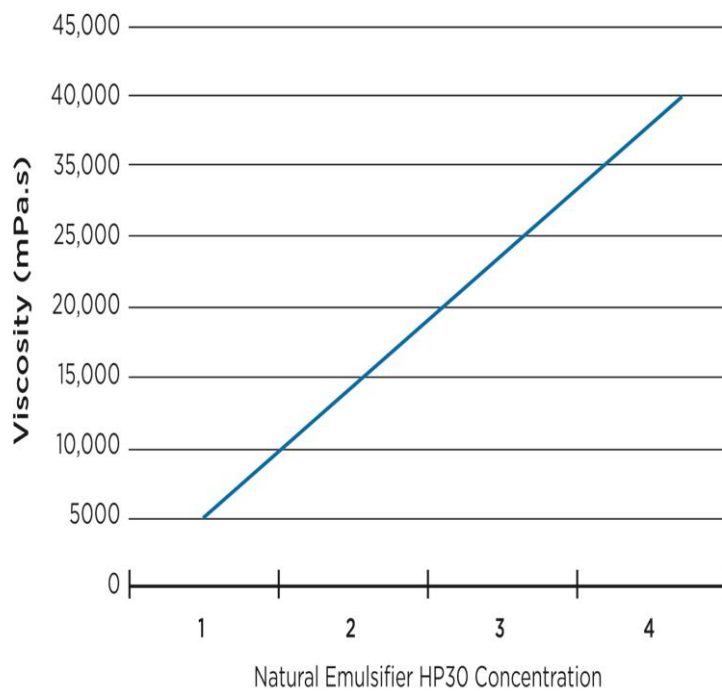


Figure 7 - Cold or Hot process can be used with WO Natural Emulsifiers

Bild 7: Kaltverarbeitung von W/O Plantasens® Natural Emulsifiers

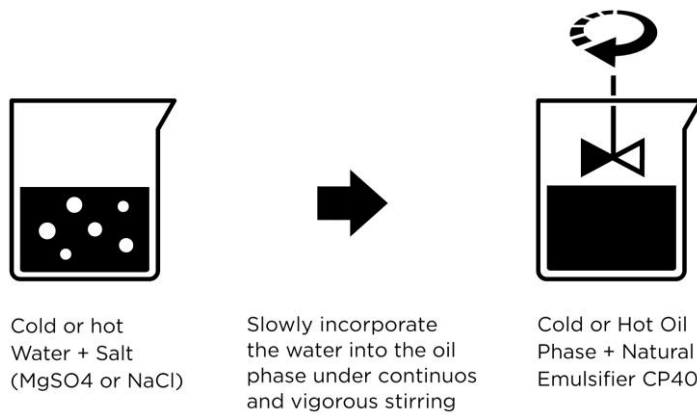


Figure 8 - Moisturisation provided by Plantasens Natural Emulsifier CP5

Bild 8: Hautbefeuchtung

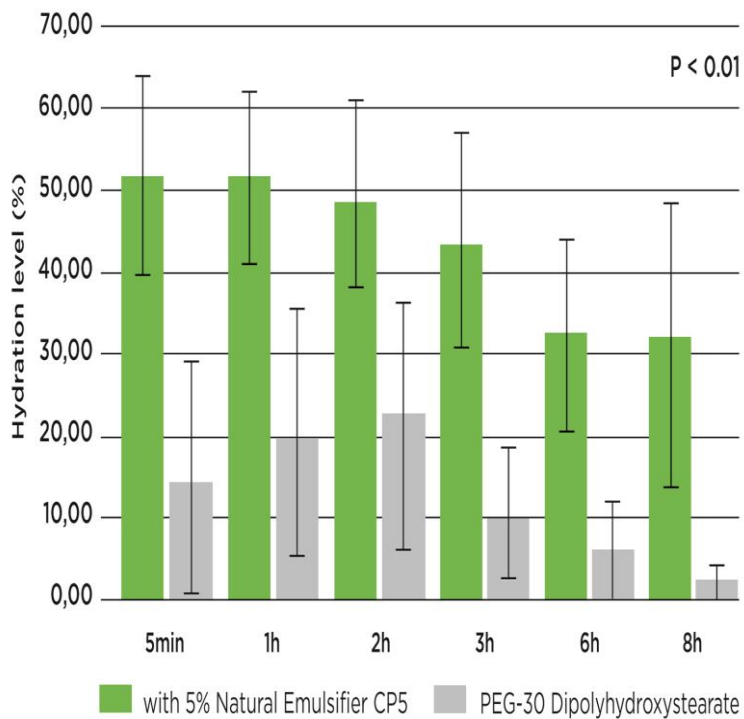


Figure 9 - Suncare formulation with Plantasens Natural Emulsifier CP40

Bild 9: Sonnenschutzformulierung

A	Plantasens® Natural Emulsifier CP40	6.00 %
	<i>Isohexadecane</i>	5.00 %
	<i>C12-15 Alkyl Benzoate, Titanium Dioxide</i>	30.00 %
	<i>Polyhydroxystearic Acid, Aluminium Stearate, Alumina</i>	
	<i>Jojoba Oil</i>	6.00 %
	<i>Cyclopentasiloxane</i>	3.00 %
	<i>Candelilla Wax</i>	1.00 %
	<i>Magnesium Stearate</i>	0.50 %
	<i>Wheat Germ Oil</i>	4.00 %
B	<i>Glycerin</i>	3.00 %
	<i>Water</i>	39.80 %
	<i>Panthenol</i>	1.00 %
C	<i>Magnesium sulfate</i>	0.70 %
D	<i>Preservative</i>	Q.s.