

FORMULATION example

MDA-A-144-14 Anti-wrinkle Face Care with RonaCare® Cyclopeptide-5 alcoholfree - efficacy proven!

Ingredients	INCI (US)	[%]
A		
Tego® Care PSC 3	(1) POLYGLYCERYL-3-STEARATE/CITRATE	3.00
Tegin® M Pellets	(1) GLYCERYL STEARATE	2.00
Lanette® O	(2) CETEARYL ALCOHOL	2.00
Miglyol® 812 N	(3) CAPRYLIC/CAPRIC TRIGLYCERIDE	5.00
Myritol® 331	(2) COCOGLYCERIDES	3.00
Cetiol® B	(2) DIBUTYL ADIPATE	3.50
Isopropyl Palmitate	(2) ISOPROPYL PALMITATE	3.50
B1		
1,2-Propanediol	(4) PROPYLENE GLYCOL	4.00
Water, demineralized	WATER	ad 100
B2		
Keltrol® CG-RD	(5) XANTHAN GUM	0.10
C		
RonaCare® Cyclopeptide-5 alcoholfree	(4) GLYCERIN (AND) WATER (AND) LECITHIN (AND) ECTOIN (AND) CYCLOTETRAPEPTIDE-24 AMINOCYCLOHEXANE CARBOXYLATE	2.00
Preservatives	PRESERVATIVES	q.s.
Fragrance	FRAGRANCE	q.s.

Procedure:

Disperse phase B2 in phase B1. Heat phase A and phase B to 75-80°C. Add phase A slowly to phase B while stirring. Homogenize. Cool down while stirring and add phase C at 40°C. Adjust the pH value to 5.5-6.5.

Notes:

Appearance: white O/W lotion

pH value (24°C): 5.9

Viscosity: 10,000 mPa s (Brookfield model RV DVII+, Helipath spindle B, 10 rpm) at 24°C

Stability: 3 months at 40°C, FTC (-5°C to +40°C), 5°C and RT

Efficacy: Superior remodeling effect, skin hydration and the appearance of wrinkle reduction vs. placebo product

Suppliers:

(1) Evonik

(3) IOI Oleo

(5) CP Kelco

(2) BASF

(4) Merck KGaA, Darmstadt, Germany / EMD Performance Materials

FORMULATION example

Products are warranted to meet the specifications set forth on their label/packaging and/or certificate of analysis at the time of shipment or for the expressly stated duration. EMD provides information and advice on application technologies and relevant regulations based upon its current knowledge and opinion. EMD MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE REGARDING OUR PRODUCTS, THEIR APPLICATION OR ANY INFORMATION PROVIDED IN CONNECTION THEREWITH. EMD shall not in any event be liable for incidental, consequential, indirect, exemplary or special damages of any kind resulting from any use or failure of the products. Customer is responsible for and must independently determine the suitability of EMD's products for its products, intended use and processes. The foregoing information and suggestions are also provided without warranty of non-infringement as to intellectual property rights of third parties and shall not be construed as any inducement to infringe the rights of third parties. Customer shall be responsible for obtaining any applicable third party intellectual property licenses. All sales are subject to EMD's complete Terms and Conditions of Sale. Prices are subject to change without notice. EMD reserves the right to discontinue products without prior notice. EMD, EMD Performance Materials, the vibrant M, Colorona, Timiron, Xirona, RonaFlair, Ronastar, Candurin, Eusolex, Parteck, Oxynex, RonaCare, IR3535, UV-Pearls, ASCIII, Luremin and Emblicain are trademarks of Merck KGaA, Darmstadt, Germany. All other trademarks pertain to their proprietors.