

Chronobiology: Illuminating & Lifting Eye Contour Cream (HH) CC-E0011(LA)

This eye contour cream, to be applied in the early evening to puffy areas and dark circles features an indulgent sensory that eliminates the stress of the day, while the botanicals work to eliminate the visible signs of stress. A creamy initial texture with extended playtime is provided by **Carbopol® Ultrez 20 Polymer**. This lavish experience is continued with the rich and cushiony sensory signals from **Schercemol™* DISD** and **DISM Esters** that persist well into afterfeel for a period of sanctuary after a long day.

	INCI Name, Trade Name	Weight %	Function
A.	1. Deionized Water	80.95	Diluent
	2. Disodium EDTA, <i>Uniquelan NA25</i>	0.10	Chelating Agent
	3. Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Carbopol®* Ultrez 20 Polymer	0.50	Rheology Modifier
	4. PEG-20 Methyl Glucose Sesquisteate, Glucamate™* SSE-20 Emulsifier	0.75	Emulsifier
	5. Methyl Gluceth-20, Glucam™* E-20 Humectant	1.00	Humectant
B.	6. PEG / PPG-8 / 3 Diisostearate, Hydramol™* PGPD Ester	1.00	Conditioner / Co-Emulsifier
	7. Dipalmitoyl Hydroxyproline, Sepilift™ DPHP	1.00	Amino Acid (Skin Conditioner)
	8. BHT, <i>Ionol CP</i>	0.10	Antioxidant
	9. Diisostearyl Dimer Dilinoleate, Schercemol™* DISD Ester	5.00	Emollient
	10. Diisostearyl Malate, Schercemol™* DISM Ester	5.00	Emollient
	11. Methyl Glucose Sesquisteate, Glucate™* SS Emulsifier	0.50	Emulsifier
	12. Cetearyl Alcohol (and) Ceteareth-20, Promulgen™* D Emulsifier	0.50	Emulsifier
C.	13. Aminomethyl Propanol, <i>AMP-95</i>	0.40	Neutralizer
	14. Deionized Water	2.00	Diluent
D.	15. Ptychopetalum Olaciodes Bark/Stem Extract, Pfaffia Paniculata Root Extract, Lilium Candidum Flower Extract, Butylene Glycol, Water (and) PEG-40 Hydrogenated Castor Oil, <i>Bioskinup Contour</i>	0.50	Botanical Extract Blend (Skin Conditioner & Astringent)
	16. Titanium Dioxide, Mica (and) Silica <i>Timiron Splendid Gold</i>	0.30	Pearlizing Agent
	17. DMDM Hydantoin (and) Iodopropynyl Butylcarbamate, <i>Glydant Plus® Liquid</i>	0.40	Preservative

Product Properties:

Appearance	Pearlized Yellow Cream
pH	6.8 – 7.2
Viscosity (mPa s)**	15,000 – 25,000
Stability: Passed 2 months @ 45, 50°C, 5 cycles freeze / thaw	

** Brookfield RVT @ 20 rpm, 25°C, # 5 spindle

Supplier References:

Chemyunion Quimica LTDA (2, 15)
Lubrizon Advanced Materials, Inc.
(Noveon® Consumer Specialties) (3-6, 9-12)
 Seppic*** (7)
 Degussa (8)
 Dow/Angus (13)
 Merck (16)
 Lonza (17)

*** distributed by Chemyunion Quimica LTDA in Brazil

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For more information visit www.personalcare.noveon.com or contact your nearest Lubrizon Advanced Materials location.

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Procedure:

1. **PART A:** In a suitable vessel, add disodium EDTA to deionized water. Mix until uniform.
2. Disperse **Carbopol®* Ultrez 20 Polymer** by sprinkling on the surface of water and allowing it to wet. Once all polymer has wetted, begin gentle agitation. Mix for 10 minutes.
3. Add remaining **PART A** ingredients to batch and heat to 70°C mixing until uniform.
4. **PART B:** Combine all ingredients in a separate vessel and heat to 70°C. Mix until uniform.
5. When both **PART A** and **PART B** reach 70°C, slowly add **PART B** to **PART A** using moderate agitation. Mix until uniform.
6. Cool batch to 60°C.
7. **PART C:** Pre-mix ingredients and add to main batch when it has cooled to 60°C. Mix until uniform.
8. Continue cooling batch with mixing until temperature reaches ~ 35°C.
9. When batch has cooled to ~ 35°C, add **PART D** ingredients to the batch in the order shown ensuring that each ingredient is completely dissolved before addition of the next ingredient. Mix until uniform.