

Formulation Example

Super Hydration Antioxidant with Coenzima Q10 - LIP 8 PLUS

Ingredients	Art. No.	INCI (CTFA)	[%]
A			
Water, demineralized		AQUA (WATER)	88.25
Ronacare® Disodium EDTA	1.32221 (1)	CALCIUM DISODIUM EDTA	0.20
Propylene Glycol	(2)	PROPYLENE GLYCOL	5.00
B			
Carbopol Ultrez 10	(3)	CARBOMER	0.70
Xanthan Gum	(2)	XANTHAN GUM	0.20
C			
Ronacare® Sodium Hydroxide	1.32120 (1)	SODIUM HYDROXIDE	q.s
D			
Fragrance	(2)	FRAGRANCE	0.05
AlphaTW 20	(2)	POLYSORBATE 20	0.20
E			
Microcare PE	(4)	PHENOXYETHANOL	0.50
F			
LIP 8	(1)	WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) ISOPROPYL MYRISTATE (AND) CAPRYLIC/CAPRIC TRIGLYCERIDE (AND) UBIQUINONE (AND) BHT (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL	5.00

Procedure:

Mix phase A until completely dissolved

Add ingredients from phase B one by one into the batch with moderate stirring. Neutralize with phase C to form a semi translucent gel (pH 5.50-7.00).

In another vessel, pre-mix ingredients from phase D and then add to the batch

Finally, incorporate components E and F.

Notes:

Stability: 3 months at RT, 5°C, FTC (-5°C to +40°C), 40°C and 1 week at 50°C

Suppliers:

(1) Merck KGaA, Darmstadt, Germany / Eletronics / Nanovec

(2) Alpha Química

(3) Lubrizol

(4) Alpha Química / Thor

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