

Formulation Example

MSAS.1009.04.10.19 Natural Lipwater

Ingredients	INCI US	[%]
A		
Pearlescent Pigments	(1)	1.00
B		
RonaCare® Ectoin	(1) ECTOIN	2.00
RonaCare® Potassium Sorbate	(1) POTASSIUM SORBATE	0.50
RonaCare® Sodium Benzoate	(1) SODIUM BENZOATE	0.50
Organic glycerol	(2) GLYCERIN	5.00
Water, demineralized	WATER	83.00
C		
Solagum™ AX	(3) XANTHAN GUM (AND) ACACIA GUM	1.00
D		
Resassol® APOSTROPHIE	(4) CAPRYLYL/CAPRYL GLUCOSIDE (AND) WATER (AND) POLYGLYCERYL-3 COCOATE (AND) POLYGLYCERYL-10 LAURATE (AND) CITRIC ACID	0.90
Fragrance Red Fruit Nat C56420	(5) FRAGRANCE	0.10
E		
LaraCare™ A200	(6) GALACTOARABINAN	5.00
F		
Citric acid, 10 % solution	WATER (AND) CITRIC ACID	1.00

Procedure:

Solubilize RonaCare® Ectoin and the preservatives in water and glycerin. Disperse Solagum AX in the water phase. Mix until a homogeneous gel is obtained. Add premixed phase D and stir until homogeneous. Add phase A and stir until all pigments are well dispersed. Add phase E and stir until homogeneous. If necessary, adjust pH to 5,3-5,5 with phase F.

Color Variations:

Variation MSAS.1009.04.10.19

Colorona® Sienna Fine	1.17386 (1)	IRON OXIDES (AND) MICA	0.70
Ronastar® Red Sparks	1.17472 (1)	CALCIUM ALUMINUM BOROSILICATE (AND) TITANIUM DIOXIDE (AND) SILICA (AND) TIN OXIDE	0.30

Appearance : sparkling red gel

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Timiron® Super Violet	1.17359 (1)	TITANIUM DIOXIDE (AND) MICA (AND) TIN OXIDE	0.20
Colorona® Bordeaux	1.17405 (1)	IRON OXIDES (AND) MICA	0.50
Colorona® Chameleon	1.17404 (1)	IRON OXIDES (AND) MICA	0.30

Appearance : red/violet gel

Notes:

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pH (24°C) : 5.5

Viscosity: 640 cP (Fungilab Expert, Spindle R3, 50 rpm) at 24°C. The pH value tends to decrease during the first week before stabilizing.

Stability : 3 months at room temperature, 4°C and 45°C

All EMD products used are approved by COSMOS or are COSMOS compliant. Other raw materials may be available as COSMOS compliant quality.

Suppliers:

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

(3) Seppic

(5) Cosnadern GmbH

(2) Laboratoire Prod Hyg

(4) RES Pharma Industriale SRL

(6) Lonza AG

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