

FORMULATION EXAMPLE

MDA-P-147-03 Lip Cream - Purple Riddle

Ingredients

	INCI US	[%]
A		
RonaFlair® White Sapphire	(1) ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE)	16.00
Ronastar® Flaming Lights	(1) ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE) (AND) IRON OXIDES	8.00
Ronastar® Diamond Black IQ	(1) IRON OXIDES (AND) ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE) (AND) SILICA (AND) IRON OXIDES	6.00
B		
Emulium® Illustro	(2) POLYGLYCERYL-6 POLYHYDROXYSTEARATE (AND) POLYGLYCERYL-6 POLYRICINOLEATE (AND) POLYGLYCERIN-6	4.50
Compritol 888 CG MB PELLETS	(2) GLYCERYL BEHENATE	4.00
Lipocire™ A SG	(2) C10-18 TRIGLYCERIDES	4.00
Acticire MB	(2) JOJOBA ESTERS (AND) HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX (AND) ACACIA DECURRENS FLOWER WAX (AND) POLYGLYCERIN-3	2.00
C		
RonaCare® Magnesium Sulfate	(1) MAGNESIUM SULFATE	2.00
RonaCare® Sodium Benzoate	(1) SODIUM BENZOATE	0.50
RonaCare® Potassium Sorbate	(1) POTASSIUM SORBATE	0.50
Citric Acid solution 20%	WATER (AND) CITRIC ACID	0.30
Water, demineralized	WATER	43.70
D		
Cetiol® Ultimate	(3) UNDECANE (AND) TRIDECANE	8.50

Procedure:

Heat phase B to 80°C and stir until everything is melted and homogeneous. Solubilize the RonaCare® actives of phase C in water and adjust pH to 4.5-5.5 if necessary. Heat phase C to 80°C. Add slowly phase C into phase B while high stirring. Homogenize. Cool down while moderate stirring. At T < 60°C, add phase D and stir until homogeneous. Finally add premixed phase A and stir until everything is well dispersed. Cool down to room temperature.

Notes:

Appearance: dark red colored W/O emulsion

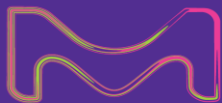
Viscosity: 160 000 cP (Fungilab Expert, Spindle PD, 5 rpm) at 24°C

Stability: 3 months at room temperature, 4°C, 45°C and 1 week at 50°C

Suppliers:

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

(2) Gattefossé (Deutschland) GmbH



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(3) BASF AG

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