

Formulation Example

MSAS.978.06.07.19 Jelly Blush for dark skin tone

Ingredients	Art. No.	INCI EU (INCI US)	[%]
A			
Ronastar® Red Allure	1.17304 (1)	CI 77491 (IRON OXIDES), CI 77891 (TITANIUM DIOXIDE), SILICA, MICA	7.70
Ronastar® Flaming Lights	1.17233 (1)	ALUMINA (OR ALTERNATIVELY: SYNTHETIC SAPPHIRE), CI 77491 (IRON OXIDES)	2.01
Colorona® Imperial Citrine	1.17762 (1)	MICA, CI 77163 (BISMUTH OXYCHLORIDE), CI 77492 (IRON OXIDES)	1.34
RonaFlair® Boroneige® SF-3	1.17774 (1)	BORON NITRIDE	2.79
B			
Glycerol 85%	1.04091 (1)	GLYCERIN, AQUA (WATER)	5.00
Water, demineralized		AQUA (WATER)	ad 100
C			
Adeka Nol GT-930	(2)	BUTYLENE GLYCOL, POLYURETHANE-59, AQUA, TOCOPHEROL	6.00
D			
Emulfree CBG	(3)	ISOSTEARYL ALCOHOL, BUTYLENE GLYCOL	5.00
Lanol 1688	(4)	COCOATE, ETHYLCELLULOSE	3.00
Dub VCI	(5)	CETEARYL ETHYLHEXANOATE	5.00
E			
Preservatives		PRESERVATIVES	q.s.
Fragrance		PARFUM	q.s.
F			
Sodium Hydroxide, 20 % solution		AQUA, SODIUM HYDROXIDE	0.08

Procedure:

Prepare phase B and heat it to 50°C. Add phase C to phase B while high stirring and stir for about 20 minutes. Then, heat phase B/C and phase D to 80°C. Add phase D to phase B/C while high stirring. Add phase A and mix until all pigments are well dispersed. Cool down while moderate stirring. At T<35°C, add phase E and complete cooling to room temperature. Adjust pH to 6 with phase F if necessary.

Notes:

Store away from heat.

Appearance : red plum thick gel with memory form

pH (25°C) : 5.2. The pH value tends to decrease during the first two months before stabilizing.

Viscosity : 56,800 mPa*s (Fungilab Expert, Spindle PC, 10 rpm) at 25°C

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

Suppliers:

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

(2) ADEKA Europe GmbH

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(3) Gattefossé (Deutschland) GmbH

(4) Seppic

(5) Stearinerie Dubois Fils

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