

Spot Treatment Cream

(Sample Recipe for Sorbic Acid)

Spot Treatment Cream

Phase A	Weight %	For 100 g / 3.6 oz
Deionized Water (diluent)	59.3 %	59.5g / 2.1oz
EDTA (chelating agent)	0.2 %	0.2g / 0.007oz
Xanthan Gum (thickener)	0.2 %	0.2g / 0.007oz
HE- Cellulose, modified (thickener)	0.2 %	0.2g / 0.007oz
Glycolic Acid 70 (exfoliant)	10.0 %	10.0g / 0.36oz
Propanediol 1,3 (humectant)	4.0%	4.0g / 0.14oz
Phase B		
Isopropyl Myristate (emollient)	6.0 %	6.0g / 0.21oz
Mineral Oil (emollient)	3.0 %	3.0g / 0.11oz
Glyceryl Stearate SE (emulsifier)	2.0 %	2.0g / 0.07oz
CreamMaker CA-20 (emulsifier)	4.0 %	4.0g / 0.14oz
Laureth-3 (emulsifier)	1.5 %	1.5g / 0.05oz
Vitamin E Tocopherol (antioxidant)	0.2 %	0.2g / 0.007oz
Dimethicone 500 (emollient)	1.0 %	1.0g / 0.04oz
Phase C		
Edelweiss Extract (anti-aging)	2.0 %	2.0g / 0.07oz
SkinWhite Herb (skin-lightening)	3.0 %	3.0g / 0.11oz
Alpha-Arbutin (skin-lightening)	2.0 %	2.0g / 0.07oz
Sorbic Acid (antimicrobial)	0.2 %	0.2g / 0.007oz
Citrus Combo (antimicrobial)	0.8 %	0.8g / 0.03oz
Fragrance (optional)	0.2 %	0.2g / 0.007oz

Method

Add ingredient 1 & 2 to the vessel first, mix. Add then ingredient 3 & 4 with high sheer mixing (using a homogenizer or stick blender). Add ingredient 5 and blend well. Add ingredient 6 and blend well. Weight all ingredients from phase B and add to a separate vessel. Heat phase B to 170F/65C. Heat phase A to the same temperature. Remove from the heat sources. Combine phase A to B and mix until homogenous. Cool to 100F/40C. Add phase C to phase A/B, blend well after each ingredient. Mix until homogenous.

Properties

Non-greasy cream, that includes different skin lighteners to work for spot treatment on hands, face and body. Use twice a day for several weeks/months. Skin will be sensitive to UV radiation, avoid the sun or use a sunscreen for protection.