

Recovery Cream

Formula # 12/25-109/10098-1

Features

- Rich, non-greasy cream
- Moisturizing, delivers relief to dry skin
- Supports barrier repair

Skin Care

Emulsion

Traditional Ingredients

Formula

NF Emulsifying Wax

Nonionic o/w emulsifier. Provides a medium break with a traditional emulsion feel, and some viscosity growth.. Usage level 4-8%.

Kester Wax K-56

Naturally derived wax ester of plant origin. Increases opacity and viscosity in emulsions, adds bounce and texture. Secondary structurant in anhydrous formulations. Usage level 1-10%.

Kester K-45

Light, non-greasy emollient derived from jojoba. Improves softness, spreadability, and after feel in leave-on formulas. Conditions skin and hair without buildup; adds glide, silkiness, and stability.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	70.75
980 Carbomer ²	Carbomer	0.1
Tealan 99 ³	Triethanolamine	0.15
Optiphen ²	Phenoxyethanol, Caprylyl Glycol	1.0
Glycerin	Glycerin	4.0
<i>Phase B</i>		
NF Emulsifying Wax¹	Polyglyceryl-3 Stearate (and) Beheneth-5	5.0
Kester Wax K-56¹	Cetyl Stearate	3.0
Kester K-45¹	Jojoba Esters	3.0
Jeechem OP ⁴	Ethylhexyl Palmitate	8.0
Sweet Almond Oil ⁴	Prunus Amygdalus Dulcis (Sweet Almond) Oil	5.0

Procedure

- Under medium agitation, combine Phase A ingredients one at a time while heating to 80 – 805 °C, except for last two materials.
- Premix glycerin and xanthan and add to batch.
- Combine Phase B ingredients and melt at 80-85°C.
- Add to Phase B to A while mixing.
- When emulsion is smooth, begin cooling.
- Cool while mixing to 45 °C or less.

Stability Information:

Three months at 50 °C, three months at room temperature, three freeze/thaw cycles.

Supplier Information:

1. Koster Keunen, Inc.; 2. Lubrizol; 3.Rita; 4. Vantage

Looking for additional formulas? Try our Formula Selector Tool at: kosterkeunen.com/pcformulationguide