

# Emollient Body Spray

O-0004

This light, anhydrous spray provides smoothness and suppleness. **Schercemo™\*** and **Hydramol™\*** Esters are balanced to deliver silky moisturization, excellent spreading and luxurious skin feel.

	INCI Name, Trade Name	Weight %	Function
<b>A.</b>	1. Isostearyl Neopentanoate, <b>Schercemo™* 185 Ester</b>	49.193	Emollient
	2. Diisopropyl Adipate, <b>Schercemo™* DIA Ester</b>	20.000	Solubilizer
	3. PEG/PPG-8/3 Diisostearate, <b>Hydramol™* PGPD Ester</b>	10.000	Conditioner
	4. Cetyl Ethylhexanoate, <b>Schercemo™* CO Ester</b>	20.000	Emollient
	5. <i>Garcinia Mangostana</i> peel extract, Butylene Glycol <i>Mangosteen Extract</i>	0.010	Botanical Extract
	6. Pomegranate Fragrance #69309K	0.750	Fragrance
<b>B.</b>	7. D&C Red No. 17 (0.50% soln in <b>Schercemo™* 185 Ester</b> )	0.0065	Dye
	8. D&C Violet No. 2 (0.25% soln in <b>Schercemo™* 185 Ester</b> )	0.041	Dye

## Procedure:

1. Combine ingredients in PART A in the order shown, mixing each ingredient until it is completely dissolved before the addition of the next ingredient.
2. Add colors in PART B to desired color.
3. Mix batch until clear and homogenous.

**NOTE:** *Recommended pump: Calmar Mark VI Fine Mist Sprayer*

## **Product Properties:**

Appearance	Clear, light pink liquid
Viscosity (mPa·s)**	<100
Turbidity (NTU)***	0-10
Specific Gravity (g/ml)	0.85 – 0.90
Stability:	Passed 3 months @ 40°C, 1 month @ 50°C, 3 cycles freeze/thaw

\*\* Brookfield RVT @ 20 rpm, 25°C, #2 spindle, measured after 24 hours

\*\*\* HF Scientific, Inc. Micro 100 Turbidimeter

## **Supplier References:**

**Noveon, Inc. (1, 2, 3, 4)**

SNP (5)

Shaw Mudge & Company (6)

**Quantum Colours (7, 8)**

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