



Citrus Hand Lotion

Featuring Poly Suga[®]Mate D, Poly Suga[®]Mulse D7 and Poly Suga[®]Betaine L

INTRODUCTION

This lightweight hand lotion absorbs quickly to leave a breathable, occlusive film on the skin for a pleasant conditioned after feel. It is an ideal lotion for gardeners or anyone with dry or chapped skin in need of hydration.

<u>Phase</u>	<u>Compound</u>	<u>Weight %</u>
A	Water	63.00
A	Unifier (Water & Montmorillonite)	2.00
A	Glycerin	4.00
A	Xanthan (Xanthan Gum)	0.30
B	Poly Suga[®]Mate D (Disodium Sulfosuccinate Decylglucoside Crosspolymer)	6.00
B	Poly Suga[®]Mulse D7 (Sorbitan Oleate Decylglucoside Crosspolymer)	0.50
B	Poly Suga[®]Betaine L (Lauryl Glucosides Betaine Crosspolymer)	1.00
B	Cetearyl Alcohol	5.00
B	Orange Butter (Octyldodecanol & Beeswax & Orange Oil)	5.00
B	Squalane	1.00
B	Jojoba Oil	6.00
B	Soybean Oil	5.00
B	Tocopherol	0.10
C	Geogard 221 (Dehydroacetic Acid & Benzyl Alcohol)	0.80
D	Lemon Fragrance	0.30
		<u>100.00</u>

PROCEDURE

Phase A: Charge Water and Unifier into main vessel. Mix to uniformity. Continue mixing and begin heating Water phase to 75°C. Slurry Xanthan in Glycerin. Add to batch. Mix to uniformity. Continue mixing/heating.

Phase B: Combine Phase B. Mix while heating to 85°C.

When both phases are uniform and at temperature, add Phase B to Phase A. Mix to uniformity; hold at 75-80°C for 20 minutes. Continue mixing; begin cooling process. At 40°C, add remaining phases, mixing to uniformity after each addition. Mix to room temperature; check against specifications and fill.