

Cracked Skin Lotion No. 586

		Wt. %
A	VANATURAL [®] or VANATURAL MC Bentonite Clay	2.50
	Water	73.25
	Avena Sativa (Oat) Kernel Flour (Tech-O [®] #11-070 Oat Flour ¹)	1.00
	VANZAN [®] NF Xanthan Gum	0.50
	Sucrose Stearate (Sisterna [®] SP50-C ²)	1.75
B	Sodium PCA (Ajdew [®] NL-50 ³)	3.00
	Glycerin, 96%	5.00
C	Glyceryl Stearate (and) PEG-100 Stearate (Arlacel [®] 165-PW (AP) ⁴)	2.00
	Hydrogenated Polyisobutene (Parleam ^{®5})	4.00
	Mineral Oil (and) Lanolin Alcohol (Vilvanolin [™] L-101 ⁶)	3.00
	Cetyl Alcohol (Crodacol [™] C95-PA-MH ⁴)	2.00
	Isopropyl Myristate NF (RITA IPM ⁷)	2.00
D	Preservative	q.s.
	Citric Acid, 20%	q.s.

Procedure: While heating the water to 50-55°C, sift the **VANATURAL**[®] or **VANATURAL MC** into the water agitated at maximum available shear. Once dispersed, slowly sift in the oat flour. Mix until the **VANATURAL** or **VANATURAL MC** is fully hydrated and the oat flour is well dispersed. Add the **VANZAN**[®] NF and mix until dissolved. Add the sucrose stearate and mix until uniform. Add Part B ingredients and mix thoroughly. Maintain the water phase at 50-55°C. Blend the Part C oil phase ingredients and heat to 50-55°C. Add the oil phase to the water phase with good agitation; mix until uniform. Avoid incorporating air. Cool with mixing; add the preservative when the emulsion is <35°C. Adjust pH to 5.5 ± 0.5 with citric acid.

RAW MATERIAL SUPPLIERS

¹Beacon CMP Corporation, Kenilworth, NJ
²Sisterna B.V., The Netherlands (Dist. In US & Canada by MMP, Inc., South Plainfield, NJ)
³Ajinimoto USA, Inc., Fort Lee, NJ
⁴Croda, Inc., Edison, NJ
⁵Rossow USA, Inc., Matawan, NJ
⁶Lubrizol Advanced Materials, Inc., Cleveland, OH
⁷RITA Corporation, Crystal Lake, IL

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