



Smoothing and Softening Bar Soap

Product Highlighted: *Floraesters K-20W® Jojoba*



This moisturizing bar soap featuring Floraesters® K-20W Jojoba provides a luxurious creamy lather that washes away dirt and residue, without substantially disrupting skin barrier function. The synergy between Floraesters K-20W Jojoba and glycerin extends moisturization, even after rinse-off. Additionally, the inclusion of Floraesters K-20W Jojoba enhances consumer preference for increased smoothness, softness, and overall product preference. 🏆*

Phase	Trade/Common Name ¹	INCI Name	Manufacturer	%wt/wt
A.	Soap Noodles	----- ²	-----	78.90
B.	-----	Titanium Dioxide	-----	0.65
	-----	Tetrasodium EDTA	-----	0.10
	-----	Corn Starch	-----	8.00
	-----	Talc	-----	8.00
C.	-----	Fragrance	-----	1.50
	-----	Butylated Hydroxytoluene (BHT)	-----	0.05
	-----	Sodium Chloride	-----	0.80
D.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	0.50
	-----	Glycerin	-----	2.00
		Total³		100.00

Mixing Procedure

1. In a Sigma Mixer, mix the Soap Noodles of Phase A with heat (60-65°C).
2. Add the ingredients of Phase B one by one in the order listed and continue mixing with heat.
3. In a separate vessel, mix the ingredients of Phase C until uniform. Add to Phase AB and continue mixing.
4. In a separate vessel, combine the ingredients of Phase D, and mix until uniform. Add to Phase ABC and continue mixing.
5. Continue mixing for 30 minutes to ensure a uniform mixture.
6. Pass the mixture through a triple roller mill 2-3 times.
7. Pass the mixture through an extruder with heat (60-65°C).
8. Cool soap to 40°C and mold it.

¹ Bars of soap were manufactured by Connell Brothers Company Ltd.

² Soap Noodles consist of the following: Sodium Palmate, Sodium Palm Kernelate, Sodium Chloride, Glycerin, Tetrasodium EDTA, and Sodium Etidronate.

³ Total Fatty Matter = 62.73%

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of accuracy is made and the products are provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent or in the treatment, prevention, or cure of any medical condition. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)