



# Smoothing and Softening Bar Soap



a **Cargill** company

**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 <sup>1</sup>	INCI Name	Manufacturer <sup>1</sup>	%wt/wt
A.	-----	Sodium Palmate	-----	63.92
	-----	Sodium Cocoate and/or Sodium Palm Kernelate	-----	12.59
	Deionized Water	Water	-----	12.30
	-----	Glycerin	-----	7.75
	-----	Sodium Chloride	-----	0.29
	-----	Pentasodium Pentetate	-----	0.01
	-----	Corn Starch	-----	1.00
	-----	Butylated Hydroxytoluene (BHT)	-----	0.05
	-----	Tetrasodium EDTA	-----	0.10
	B.	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Floritech</b>
C.	Fragrance <sup>2</sup>	Fragrance	-----	1.50
			<b>Total</b>	<b>100.00</b>

## Mixing Procedure

1. In a ribbon blender, heat the ingredients of Phase A to 60-65°C and mix for 2 minutes.
2. Add Phase B to Phase A and continue mixing for 2 minutes at 60-65°C.
3. Add Phase C to Phase AB and continue mixing for 6 minutes without heat.
4. Send the mixture through a triple roller mill 2-3 times.
5. Send the mixture through an extruder at 75-85°C.
6. Run the mixture through chilled molds and package.

<sup>1</sup> Bars of soap were manufactured by Vanguard Soap, LLC.

<sup>2</sup> Fragrance: Sea Salt Lime CF0029905

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, stability or safety 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)