

# SMOOTHING AND SOFTENING BAR SOAP

with Floraesters K-20W<sup>®</sup> Jojoba



Phase	Trade Name	INCI	Supplier	%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>Cargill Beauty</b>	<b>0.50</b>
C	Fragrance <sup>2</sup>	Fragrance	-----	1.50

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

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

## PROCESS

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.

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.



**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

Formula Number: C035, Revision Date: January 2023

[www.cargillbeauty.com](http://www.cargillbeauty.com)

