

# FORMULATIONS

## Exfoliating Jam Cleanser #AN-002-034-A

	Trade Name	INCI Name	%	Supplier
A	DI Water	Water (Aqua)	QS	
	Cosphaderm X 34	Xanthan Gum	1.0	Cosphatec/Ross
	Hydagen 558 P	Algin	0.7	BASF/Ross
B	Plantaren 2000 N UP	Decyl Glucoside	20.0	BASF/Ross
	Lamesoft PO 65	Coco-Glucoside (and) Glycerol Oleate	2.0	BASF/Ross
	Bioteric 50 SB	Cocamidopropyl Hydroxysultaine	10.0	BioOrganic Concepts/Ross
C	Citric Acid 50% soln	Water (Aqua) and Citric Acid	0.4	—
	Euxyl K 712	Sodium Benzoate (and) Potassium Sorbate	1.5	Schülke/Ross
	Celluloscrub 500	Cellulose Acetate	3.0	Lessonia/Ross
	Citrus Splashed Ocean Fragrance for Skin Care	Fragrance (Perfume)	0.4	Intarome

### PROCEDURE

1. Add phase A ingredients one by one. Mix well after each addition. Heat to 60-65°C
2. Premix phase B ingredients and heat to 65°C. Slowly add phase B to phase A and mix well. Slowly cool down to 40°C.
3. Adjust the pH to <5.5 and then add phase C ingredients one by one to the main batch. Mix well.



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### SPECIFICATIONS

pH: @25°C: 5.3  
viscosity: @25°C (LVT Spindle T-C @3 rpm, 1 min): 26,520 cps  
appearance: Translucent Viscous  
Liquid white specks  
color: Off-white  
odor: Floral  
stability: Product was stable for 3 months in 40°C, 2 weeks in 50°C and 3 cycles of freeze thaw.

### FEATURES AT A GLANCE

#sulfate-free      #hydrating  
#gentle            #natural  
                         suspension

### FEATURES AND BENEFITS

This is a sulfate-free, natural exfoliating cleanser using two natural thickeners: Xanthan Gum and Algin. This combination provides excellent thickening and particle suspension properties that can be used as an alternative to some acrylic copolymers. The use of Plantaren 2000 N UP and Lamesoft PO 65 provide gentle but effective cleansing, leaving the skin soft and hydrated.

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