

# FORMULATIONS

## Organic Hand Soap #AN-002-039-A

	Trade Name	INCI Name	%	Supplier
A	DI Water	Water (Aqua)	QS	
	Sensiva PA 20	Phenethylalcohol and Ethylhexylglycerin	1.0	Schülke/Ross
	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	0.5	Floratech/Ross
	Organic Glycerin	Glycerin	4.0	—
	Liquid Soap 105 N Organic	Water (and) Potassium Oleate (and) Potassium Cocoate (and) Glycerin (and) Potassium Citrate (and) Citric Acid	45.0	Stephenson/Ross
	Andean QDP Ultra Organic	Quillaja Saponaria Molina Bark Extract	0.1	Desert King/Ross
B	CP Oat Avenanthramide Extract	Avena sativa (Oat) Kernel Extract, Water, Glycerin, Potassium sorbate	1.0	Ceapro/Ross
	3309ORG Organic Orange Peel in Glycerin	Citrus Aurantium Dulcis (Orange) Peel Extract	1.0	—
	BioScent Bergamot Oil Italian	Citrus Aurantium Bergamia Fruit Oil	0.5	BioOrganic Concepts/Ross
C	Salt	Sodium Chloride	QS	

### PROCEDURE

1. Add phase A ingredients one by one and heat to 60–65°C. Mix well until uniform. Slowly cool down to 40°C.
2. At 40°C, add phase B ingredients to phase A one by one and mix well.
3. Slowly add phase C to the main batch and mix well.



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## SPECIFICATIONS

pH: @25°C: 9.9  
viscosity: @25°C (Spindle LVT # 2 @3 rpm, 1 min): 3,600 cps  
appearance: Clear semi-viscous liquid  
color: Light brown  
odor: Light Bergamot  
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  
#gentle  
#organic

## FEATURES AND BENEFITS

This formulation produces a 70% organic, gentle and non-toxic hand soap. It provides excellent foaming and cleansing properties leaving the skin feeling soft and moisturized.

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