



# Crystal Shower Gel with Florapearls and Florabeads

Products highlighted: Florasolvs® PEG-16 Macadamia, Floraesters® K-20W Jojoba, Florapearls® Jojoba STD, and Florabeads® Jojoba

This clear, cleansing shower gel leaves the skin feeling silky-smooth and moisturized. Florapearls Jojoba and Florabeads Jojoba lend to the visual impact of the product and provide an invigorating scrubbing sensation.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt./wt.
A.	Deionized Water	Water	-----	q.s.
	Versene® Na2 Crystals	Disodium EDTA	The Dow Chemical Co.	0.10
	Carbopol® Aqua SF-1 Polymer	Acrylates Copolymer	Lubrizol Corporation*	10.00
	<b>Florasolvs PEG-16 Macadamia</b>	<b>PEG-16 Macadamia Glycerides</b>	<b>Floratech</b>	<b>3.00</b>
	Sulfochem® ES-2	Sodium Laureth Sulfate	Lubrizol Corporation*	25.00
B.	Sulfochem® AEG	Ammonium Lauryl Sulfate (and) ALES (and) CAPB (and) Cocamide DEA (and) Lauramide DEA	Lubrizol Corporation*	4.50
	Solubilisant LRI	PPG-26-Buteth-26 (and) PEG-40 Hydrogenated Castor Oil	LCW/Sensient	1.00
	<b>Floraesters K-20W Jojoba</b>	<b>Hydrolyzed Jojoba Esters (and) Water (Aqua)</b>	<b>Floratech</b>	<b>7.50</b>
	Mackamide® L-10	Lauramide DEA	Rhodia Novicare	3.70
	Propylene Glycol, USP	Propylene Glycol	The Dow Chemical Co.	5.00
C.	Chembetaine® C	Cocamidopropyl Betaine	Lubrizol Corporation*	5.00
D.	Tween® 20	Polysorbate 20	Croda, Inc.	0.80
	Fragrance <sup>1</sup>	Fragrance	-----	q.s.
E.	Preservative	-----	-----	q.s.
	<b>Florapearls Jojoba STD<sup>2</sup></b>	<b>Jojoba Esters</b>	<b>Floratech</b>	<b>2.00</b>
	<b>Florabeads Jojoba 28/60<sup>3</sup></b>	<b>Jojoba Esters</b>	<b>Floratech</b>	<b>1.70</b>
<b>TOTAL</b>				<b>100.00</b>

## Mixing Procedure

- Put Versene Na2 Crystals into deionized water and mix until dissolved. Add Carbopol Aqua SF-1 Polymer with medium propeller agitation. Mix in Florasolvs PEG-16 Macadamia and Sulfochem ES-2, allow enough mix time to ensure complete mixing.
- Mix Phase B together at room temperature allowing sufficient time for the Floraesters K-20W Jojoba to completely dissolve in the liquid. Add Phase B to Phase A with slow mixing to prevent excess air bubbles from becoming trapped in the mix.
- Add Phase C to Phase AB with gentle mixing.
- Mix the fragrance into the Tween 20 and add Phase D to Phase ABC with gentle mixing.
- Add Phase E to Phase ABCD with complete mixing to insure total distribution of the Florapearls Jojoba STD and Florabeads Jojoba 28/60 in the base mix.

\* Supplied by Essential Ingredients

<sup>1</sup> Fragrance Sea Breeze supplied by Symrise. Recommended level 0.6%

<sup>2,3</sup> Any color or combination of colors may be used.

**Typical Properties:** pH: 5.8 - 6.3  
Viscosity: ≥ 116,000 cP

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 sold 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. (Cleared for Public Disclosure).