



# Cold Process Moisture Elements Body Wash



a **Cargill** company

**Product Highlighted: Floraesters K-100® Jojoba**

Cold Process Moisture Elements Body Wash contains building blocks for healthy and moisturized skin. This formula containing Floraesters® K-100 Jojoba produces a mild wash product with creamy foam. In addition, the combination of Floraesters K-100 Jojoba and glycerin has been shown in clinical studies to improve skin hydration over a 24-hour period when compared to formulas without the combination (ref. CS09-014<sup>1</sup>). This formulation satisfies the senses and contains quality, skin-compatible ingredients.

Phase	Trade/Common Name	INCI Name	Manufacturer	%wt/wt
A.	Deionized Water Versene® Na2 Crystals Chelating Agent	Water Disodium EDTA	----- The Dow Chemical Co.	q.s. 0.05
B.	Chemccinate® DSLS Surfactant Plantaren® 2000 N UP Perlastan® C-30 Chembetaine® C Surfactant Fragrance <sup>2</sup> Florasolvs® PEG-16 Macadamia	Disodium Laureth Sulfosuccinate Decyl Glucoside Sodium Cocoyl Sarcosinate Cocamidopropyl Betaine ----- PEG-16 Macadamia Glycerides	The Lubrizol Corporation BASF Corporation Schill & Seilacher The Lubrizol Corporation ----- The HallStar Company	8.00 7.50 12.00 10.00 q.s. 1.25
C.	<b>Floraesters K-100 Jojoba</b> Propylene Glycol USP/EP Glycerine 99.7% USP Kosher Solubilisant® LRI	<b>Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)</b> Propylene Glycol Glycerin PPG-26 Buteth-26 (and) PEG-40 Hydrogenated Castor Oil	<b>Floratech</b> Ashland Acme-Hardesty Co. Sensient Cosmetic Technologies	<b>1.25</b> 3.00 2.00 4.00
D.	Versathix®-LQ-(MH) Citric Acid, USP (30% Solution) Preservative <sup>3</sup>	PEG-150 Pentaerythrityl Tetrastearate (and) PPG-2 Hydroxyethyl Cocamide (and) Water Citric Acid (and) Water -----	Croda International Archer Daniels Midland Co. -----	4.50 1.00 q.s.
<b>Total</b>				<b>100.00</b>

## Mixing Procedure

- Using moderate propeller agitation, add the Versene Na2 Crystals Chelating Agent to the deionized water and mix until completely dissolved.
- Add each ingredient of Phase B to Phase A in the order listed.
- In a separate vessel, combine all ingredients of Phase C, and add the mixture to Phase AB.
- With continued moderate propeller agitation, add the ingredients of Phase D.

<sup>1</sup> Floratech Claim Sheet CS09-014: Increased Skin Hydration with K-20W Jojoba Plus Glycerin

<sup>2</sup> Fragrance: Green Clover & Aloe HS H15455 [INCI: Fragrance] supplied by Agilex Fragrances

<sup>3</sup> Preservative: Kathon® CG [INCI: Methylchloroisothiazolinone (and) Methylisothiazolinone] supplied by The Dow Chemical Co.

**Typical Properties:** pH: 5 - 6  
Viscosity: 3,100 - 7,700cP

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