



Moisture Elements Body Wash

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



a **Cargill** company

Moisture Elements Body Wash contains building blocks for healthy and moisturized skin. Floraesters® K-100 Jojoba creates a mild wash product with a favorable foam profile that results in the extended retention of creamier foam. In addition, the combination of Floraesters K-100 Jojoba and glycerin is clinically shown to improve skin hydration (ref. CS09-015¹).

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. 0.35
B.	Iselux® Amisoft® CS-11 Chembetaine® C Surfactant Plantaren® 2000 N UP	Sodium Lauroyl Methyl Isethionate Sodium Cocoyl Glutamate Cocamidopropyl Betaine Decyl Glucoside	Innospec Performance Chemicals Ajinomoto Co., Inc. The Lubrizol Corporation BASF Corporation	15.00 4.00 7.00 7.00
C.	Floraesters K-100 Jojoba Glycerin 99.7% USP Kosher Glycerox 767 Florasolvs® PEG-16 Macadamia Fragrance ²	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua) Glycerin PEG-6 Caprylic/Capric Glycerides PEG-16 Macadamia Glycerides -----	Floratech Acme-Hardesty Co. Croda International The HallStar Company -----	1.25 2.00 0.60 1.25 q.s.
D.	Sodium Chloride Citric Acid (10% Solution)	Sodium Chloride Citric Acid (and) Water	The Kroger Co. Archer Daniels Midland Co.	1.50 q.s.
E.	Preservative ³	-----	-----	q.s.
Total				100.00

Mixing Procedure

1. Heat the deionized water of Phase A to 70°C. Add the Versene Na2 Crystals Chelating Agent to the deionized water and mix until completely dissolved.
2. Add the Iselux of Phase B to Phase A. Mix until completely dissolved. Slowly add the Amisoft CS-11. Mix until completely dissolved. Add the remaining ingredients of Phase B. Maintain a temperature of 70°C.
3. Mix and heat ingredients of Phase C to 70°C. Add to Phase AB. Reduce temperature to 40°C.
4. Slowly add the Sodium Chloride to Phase ABC. Add the Citric Acid (10% Solution) to achieve pH 5.5.
5. Add the preservative. Cool to room temperature.

¹ Floratech Claim Sheet CS09-015: Increased Skin Hydration with Floraesters K-100 Jojoba

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

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

Typical Properties: pH: 5 - 6
Viscosity: 700 - 1700cP

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 provided without warranty, expressed or implied and upon condition that purchasers shall make their own tests to determine the suitability, stability or safety 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. INCI/trade names must be verified with each manufacturer. (Cleared for Public Disclosure)