## Trio-Protein Conditioning Shampoo for Daily Use

This clear, conditioning shampoo is ideal for everyday use.  Vege-Tech's Botanical Proteins provide detangling, sheen and dry comb properties while the Botanical Extracts help provide color protection.  GLUCAMATE™ LT thickener helps build viscosity while adding a pleasant noticeable cushion to the formulation.  GLUCAM™ E-10 methyl glucose derivative imparts humectancy and moisturization.

| Material | % |
| --- | --- |
| **Phase A** | |
| Deionized Water | QS |
| **VP-8560 Hydrolyzed Wheat Protein** | **1.50** |
| **VP-8550 Hydrolyzed Soy Protein** | **0.75** |
| **VP-9760 Hydrolyzed Quinoa Protein** | **0.75** |
| **VT-0674 Yamabushitake Extract** | **0.50** |
| **VT-0695 Ceremonial Green Tea Extract** | **0.50** |
| Polyquaternium-10 | 0.75 |
| | |
| **Phase B** | |
| SULFOCHEM™ ALS | 32.00 |
| SULFOCHEM™ EA-2 | 11.00 |
| CHEMBETAINE™ C | 6.00 |
| Decyl glucoside | 4.00 |
| GLUCAM™ E-10 | 0.50 |
| GLUCAMATE™ LT | 2.00 |
| Sodium chloride | 0.20 |
| Citric acid | QS |
| Preservative & Fragrance | QS |

**Preparation:**

 • Combine the Di-Water, Proteins and Extracts.  Prepare a premix solution by dispersing polyquarternium-10 in room temperature water with agitation.  Heat to 50-60°C.
 • In a separate container, combine the surfactants: SULFOCHEM™ ALS (ammonium lauryl sulfate), SULFOCHEM™ EA-2 (ammonium laureth sulfate), CHEMBETAINE™ C (cocamidopropyl betaine).  Heat to 45-50°C.
 • Add the premix solution to the surfactant mixture and stir until uniform.
 • Add the remaining ingredients one at a time, waiting for uniformity before adding the next.
 • Cool to 40°C.  Add preservative and fragrance.
 • Adjust pH to 6.0 with citric acid.

Formula courtesy of Vege Tech

*Nature & Science*
*Botanical Specialty Ingredients*