



MOISTURIZING SHAMPOO

This gentle moisturizing shampoo will leave your hair feeling soft, smooth and silky. **JOJOBA PRO – HP®** is a solution of hydrolyzed jojoba protein derived from the jojoba (*Simmondsia chinensis*) seed. **JOJOBA PRO – HP** conditions the hair and skin with its natural moisture retention and film forming properties, which greatly improve the body, gloss and smoothness of the hair. The high molecular weight proteins in **JOJOBA PRO – HP** are able to fill and moisturize the skin surface, reducing the appearance of wrinkles.

TRADE NAME	INCI NAME	FUNCTION	%W/W	SUPPLIER
Phase A				
Distilled Water	Water	Aqua	QS	
Merquat 550	Polyquaternium-7	Film Former	0.05	Calgon
Stepanol WAC	Sodium Lauryl Sulfate	Cleansing	10.00	Stepan
Stepanol CS-230 Sodium	Laureth Sulfate	Cleansing	10.00	Stepan
Amphosol CA	Cocamidopropyl Betaine	Foam Booster	3.00	Stepan
Mackamide C	Cocamide DEA	Foam Booster	1.00	McIntyre
Phase B				
JOJOBA PRO-HP®	Hydrolyzed Jojoba Protein	Reparative/ Moisturizer	5.50	Desert Whale
Chamomile Extract	Chamomilla Recutita (Matricaria) Flower Extract	Soothing	0.07	Active Organic
Aloe Vera Extract	Aloe Barbadensis Leaf Extract	Healing	0.03	Brooks
Calendula Extract Organic	Calendula Officinalis Flower Extract	Healing	0.05	Active
Licorice Extract	Glycyrrhiza Glabra (Licorice) Root Extract	Astringent	0.03	Active Organic
Phase C				
Citric Acid	Citric acid	pH adjuster	QS	
Sodium Chloride	Sodium Chloride	Viscosity adjuster	QS	
Preservative		Antibacterial	QS	
Fragrance		Fragrance	QS	

Procedure:

To a suitably sized vessel, weigh in the required amount of Phase A water. Begin mixing and add the remaining Phase A ingredients (in order). Continue mixing and heat to 75°C. Mix until uniform. Continue mixing and cool to 35°C. Continue mixing and add the Phase B ingredients. Continue mixing and add the Phase C ingredients. Continue mixing and adjust the pH to 5.5 to 6.0 with 25% Citric Acid solution. Viscosity may be increased by the addition of 10% aq. Sodium Chloride solution. Continue mixing until uniform and cool to the desired filling temperature.

~ FILM FORMING ~ MOISTURIZING ~

Proteins and Amino Acids derived from the jojoba plant, and derivatives of those proteins and amino acids, are produced by MGP Ingredients, Inc. using proprietary technology, and are exclusively marketed by Desert Whale Jojoba Company, Inc. under the trademarks JOJOBA PRO - HP®, JOJOBA PRO - AA®, JOJOBA QUAT - HH®, JOJOBA QUAT - LH®, and JOJOBA QUAT - SH®. Patents covering these products, methods to make these products, and methods to use these products, are pending.

This information is based on our present state of knowledge. No warranty is expressed or implied as to the use or application of this product. The suitability and safety of the final formulation should be confirmed in all respects by appropriate evaluation.