

## MOISTURIZING EYE MASK ABR-ST-015-19

Moisturizing eye mask developed with **Glutamic Acid**, which is an excellent moisturizing agent because it has a structure that holds water molecules, leaving the skin soft. It also contains **AJIDEW® NL-50**, a natural moisturizer that replenishes the content of PCA, the main component of the skin's Natural Moisturizing Factor, aiding in the maintenance of hydrated skin. In addition, its formula is enriched with **Arginine**, which acts to anchor the PCA in the skin, thus ensuring greater effectiveness in hydration and also acts as a conditioning agent, giving it greater softness and smoothness.

	Trade name	INCI Name	wt %	Function
A	Deionized Water	Aqua	q.s.p. 100.00%	Vehicle
	Versene™ Na2 Crystal *1	Disodium EDTA	0.05	Chelator
	<b>Glutamic Acid</b>	<b>Glutamic Acid</b>	0.30	Moisturizer/ pH adjuster
B	<b>Arginine</b>	<b>Arginine</b>	0.25	Skin conditioner
	Zemea® Propanediol *2	Propanediol	6.00	Humectant
	Glycerin *3	Glycerin	6.00	Humectant
	Genugel® Carrageenan CG-130 *4	Carrageenan	1.50	Thickener
	Keltrol® CG-SFT *4	Xanthan Gum	2.00	Thickener
C	Farmal® MD 20 *5	Maltodextrin	0.20	Film former / Skin conditioning agent
	Nutrilan® I-50 BP *6	Hydrolyzed Collagen (50%)	0.30	Moisturizer
	<b>AJIDEW® NL-50</b>	<b>Sodium PCA (and) Aqua (50%)</b>	3.50	Moisturizer
D	Puricolor AYE 23 FDA *7	Aqua (and) CI 19140 (0.5%)	q.s.	Water soluble dye
	Dye Blue FD&C No.1 *8	Aqua (and) CI 42090 (0.2%)	q.s.	Water soluble dye
E	Sodium Benzoate *9	Sodium Benzoate	0.30	Preservative
	Potassium Sorbate *10	Potassium Sorbate	0.20	Preservative
F	Calcium Chloride Dihydrate *11	Aqua (and) Calcium Chloride (5%)	2.00	Assists in structuring carrageenan (gel formation)
		<b>Total</b>	<b>100.00</b>	

\*1 Dow Chemical, \*2 DuPont Tate & Lyle, \*3 LabSynth, 4\* CP Kelco, \*5 Ingredion, \*6 BASF, \*7 IMCD, \*8 Symrise  
\*9 Saporiti, \*10 Brenntag, \*11 Casa Americana

### <PROCEDURE>

1. Homogenize Phase A ingredients. Heat to 70-80 ° C.
2. In a separate beaker, homogenize the Phase B ingredients. Incorporate into Phase A under slow agitation and maintaining the temperature at 70-75 ° C until the mixture turn in to a homogeneous phase. Cool to 55-60 ° C.
3. In a separate beaker, homogenize the Phase C components. Add Phase C to the main phase while maintaining slow agitation and temperature at 55-60 ° C.
4. Add the ingredients of Phase D one by one to the main phase, maintaining slow stirring and temperature at 55-60 ° C
5. Add the ingredients of Phase E to the main phase one by one, keeping the stirring slow and the temperature at 55-60 ° C.
6. Add Phase F to the main phase while maintaining slow stirring and temperature at 55-60 ° C.
7. Pack quickly and cool without stirring.

### <PHYSICAL PROPERTIES and STABILITY>

Appearance: Viscous gel, green, transparent

pH: 5.0-5.5 (10% sol.)

Stability: 5°C, 25°C and 45°C for 3 months; 50°C for 1 month

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