



After-Sun Moisturizing Lotion with CORN PO4 PH"B"

**Original FLORATECH formulation
modified by RHEOLAB / UK for AGRANA**

This soothing, light, after-sun lotion gives a moisture treatment to dry, sunbaked skin. It features Florasun 90 (high oleic sunflower oil) and jojoba esters, which offer a strong marketing rationale (natural, botanical, renewable) in this sun care product.

The incorporation of CORN PO4 PH"B" resulted in the skin feeling very soft and well-moisturized.

Ingredients	INCI-Name	%w/w	Supplier
Phase A			
Deionized water	Aqua	QS	
CORN PO4 PH"B"	Distarch Phosphate	2,00	AGRANA
Versene Na2 Crystals	Disodium EDTA	0,01	Dow
Butylene Glycol	Butylene Glycol	4,00	Celanese
Preservative	Preservative	QS	
Phase B			
Floraesters 20	Jojoba Esters (and) Tocopherol	1,00	FLORATECH
Floraesters 30	Jojoba Esters (and) Tocopherol	1,00	FLORATECH
Florasun 90	Helianthus Annuus (Sunflower) Seed Oil (and) Tocopherol	10,10	FLORATECH
Arlacel 165	Glyceryl Stearate (and) Peg-100 Stearate	2,50	Croda
Span 80	Sorbitan Oleate	0,50	Croda
Tocopheryl Acetate CG	Tocopheryl Acetate	0,50	DSM



Phase C

RHEOSOL AVH	Sodium Polyacrylate (and) Ethylhexyl Stearate (and) Trideceth-6	1,00	Rheolab
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Phase D

DL-Panthenol	D-Panthenol	0,50	DSM
Fragrance	Fragrance	QS	

Viscosity (cPs Brookfield, spindle 6, 20rpm) = 21.150

PROCEDURE

1. Heat phases A & B separately to 75 °C.
2. Add B to A while mixing and allow to cool.
3. Add phases C and mix until a viscosity is achieved and mixture is homogeneous.
4. Add phase D if required and mix.

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