



Repair and Refresh After Sun gel cream

Got a sunburn this weekend? We've got you covered! This light and fresh aftersun reliever is a hydration bomb for your entire body. The association of glycerine and light oils to create a super nourishing gel that remains light, dry and non-greasy. **ACULYN™ 22** and **28** create this rich creamy gel texture and stabilize the emulsion. Eco-friendly **Emanon EV-E**, enhances oil deposition on the skin and helps repair and protect the skin barrier. **EcoSmooth™ Delight** brings good spreadability, fast absorption, and a silky smooth feel on application. **UCON™ 75-H-450** is the secret for reducing tackiness, improving playtime and spreadability. We've added encapsulated menthol for a super fresh effect and controlled release when applied on the skin. **Aloe Vera LG Veragel** and **Licorice LG** heal the skin weakened by sun exposure. Apply the product as a night sleeping mask on the exposed area, sleep well and thank us in the morning.



UNIVAR®
PERSONAL CARE

	Trade name	INCI name	Supplier	%	
A	1	Water (Aqua)	Univar*	Q.5	
	2	ACULYN™ 88	Acrylates/Steareth-20 Methacrylate Crosspolymer	Dow Personal Care / Univar*	2.6
	3	ACULYN™ 22	Acrylates / Steareth-20 Methacrylate Copolymer	Dow Personal Care / Univar*	1.4
B	4	NaOH (33% solution)	Sodium Hydroxide	Univar*	0.25
C	5		Glycerin	Univar*	10.0
	6	UCON™ 75-H-450	PEG/PPG-17/6 Copolymer	Dow Personal Care / Univar*	2.5
D	7	ERCAREL TCC V	Caprylic/Capric Triglyceride	Erca Wilmar/ Univar*	2.0
	8	Ercairel DOE	Dicaprylyl ether	Erca Wilmar / Univar*	3.0
	9	Aiglosyn F®	llina Cera, Paraffin Synthetic, C50 18-C Isoparaffin	Aiglon / Univar*	3.0
	10	EcoSmooth™ Delight	C14-22 Alkane, Ethylene/Octene Copolymer	Dow Personal Care / Univar*	0,5
E	11	Xiameter® PMX 200 Silicone Fluid 2CS	Dimethicone	Dow Corning / Univar*	4.0
	12	METHOCEL™ 40-0100	Hydroxypropyl Methylcellulose	Dow Personal Care / Univar*	0.2
	13	Vyox® - G	Lecithin (and) Tocopherol (and) Ascorbyl palmitate	Vevey / Univar*	0.01
	14	Xanthan Gum FFCSP-PC Personal Care Grade	Xanthan gum	Jungbunzlauer / Univar*	0.4
	15	Emanon® EV-E	Glycereth-7 Caprylate/ Caprate	Kao Chemicals Europe / Univar*	1.5
F	16	BIASKIN SMI52719	Fragrance	Kao Fragrances / Univar*	0.25
	17	Aloe vera LG Veragel	Glycerin, aqua, aloe barbadensis leaf extract	Naturex / Univar*	3.0
	18	Stabil Zero	Pentylene glycol, Caprylyl glycol, Ethylhexylglycerin	Akema / Univar*	0.8
G	19	Licorice LG	Aqua, glycerin, glycyrrhiza uralensis (licorice) root extract	Naturex / Univar*	0.5
	20	Vida-Caps 1079	Aqua, Caprylic/Capric Triglyceride, Menthol, Acacia Senegal, Menthyl Lactate, Chitosan*, Xanthan Gum, Potassium Sorbate, Beta-Carotene	Lambson / Univar*	2.0

* Non-animal derived * Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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Procedure (Hot process)

- Heat phase A to 75-80°C and mix
- Neutralize batch A with B and mix until a homogenous gel is obtained
- Add C and mix until homogenous maintaining the temperature at 75-80°C.
- Heat phase D to 80-85°C and add quickly to ABC under high stirring to avoid recrystallization. Mix until homogenous
- Whilst mixing, cool to 30°C
- When the temperature reaches about 30°C, add the ingredients of phase E into ABCD while stirring. Disperse until homogenous
- Add the remaining ingredients of phase F and mix
- Add G and mix very slowly to avoid a breakage

Stability

Stable at least 2 months at room temperature and 40°C (still ongoing).

Comments

- pH = 6.3
- Viscosity (spindle 6; 1min) = 21800 cPs
- Application: Pour the gel into the palm of your hand. Apply gently onto the body and face. Avoid the eye area.
- Smooth, supple, shiny, white gel-cream with orange caps

