

After-Sun Repair Cream

A firm, yet light cream to repair UV- induced damages to the skin

Phase	Trade Name	INCI name	% w/w	Supplier
A	Sucragel® XL	Glycerin, Caprylic/Capric Triglycerides, Aqua, Sucrose Laurate, Sucrose Stearate	8.00	Alchemy Ingredients
B	Shea Butter	Butyrospermum Parkii (Shea) Butter	15.00	-
B	Labrafac™ CC	Caprylic/Capric Triglyceride	7.50	Gattefossé
B	Chicory Seed Oil	Cichorium Intybus Extract	0.10	Biolie
C	Sucrathix VX	Microcrystalline Cellulose, Cellulose Gum, Xanthan Gum	2.50	Alchemy Ingredients
C	Water	Aqua	65.65	-
D	Entadine®	Entada Phaseoloides Bark/Seed Extract	0.50	Exsymol
D	Fragrance "Beauty"	Parfum	0.25	-
D	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	0.50	Schülke & Mayr GmbH

FORMULATION GUIDE

Method:

- Transfer phase A into a beaker.
- Mix together phase B in a beaker and heat to 60°C.
- Using an overhead stirrer, add phase B to phase A very slowly over 5 minutes.
- Heat the water to 70°C.
- Disperse the Sucrathix into the water phase using a homogeniser.
- Slowly add phase C into the oily gel under constant stirring. Finally homogenise for 5 minutes until the emulsion is homogenous.
- When cooled add phase D.