

Pineapple Infused Sunscreen

What would hot summer days be like without a fast-absorbing and effective sunscreen? Less relaxing, right!

The pineapple fruit in this sunscreen lotion contains manganese as a trace element, which helps the skin to protect against the UV light and provides lots of vitamin C and nourishment. In addition, the contained enzymes have an anti-inflammatory effect and a light peeling effect which gently remove aged skin cells.

Phase	Tradename	INCI Name	COSMOS	%
A	Pineapple Water	-	Yes	70.3
A	Evicide® levanise	Glycerin, Sodium Levulinate, Sodium Anisate, Aqua	No	4.0
A	Glycerin ⁽¹⁾	Glycerin	Yes	2.0
A	Evicare® aquatex 80	Xanthan Gum	Yes	0.5
B	Evicare® solve	Triheptanoin	Yes	8.0
B	Heliopan E1000 ⁽²⁾	Isoamyl p-Methoxycinnamate	No	7.0
B	Heliopan 357 ⁽²⁾	Butyl Methoxydibenzoylmethane	No	5.0
B	Evicare® emulgiza light	Glyceryl Stearate Citrate, Cetearyl Alcohol, Glyceryl Laurate	Yes	3.0
B	Evicare® toco sun	Tocopherol	Yes	0.2
C	Sodium Hydroxide (50%)	Aqua, Sodium Hydroxide	Yes	q.s.

* Supplier: ⁽¹⁾Cremer Oleo GmbH, ⁽²⁾Symrise AG, ⁽³⁾Gustav Heess GmbH

Manufacturing procedure:

In the first step, 50g pineapple are boiled in 100g of water for one minute, then the pineapple pieces are crushed and the resulting pineapple water is filtered. The filtrate is used as the water phase. Add the remaining materials from phase A and stir until a clear solution is obtained.

Mix all components of phase B under stirring, heat to 70°C for melting the solid components and stir until a clear, homogenous solution is obtained.

Phase B is added slowly into phase A under very slow stirring. Adjust the pH value gradually to 5.0 with phase C.



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