

SPF (Est. 25+) with AGENAFLO 9050

"Formulated and developed by Kinetik Technologies"

Ingredients	INCI-Name	%w/w	Supplier
Phase A			
Ecomuls 2 in 1	Glyceryl Oleate, Polyglyceryl-3-Polyricinoleate, Olea Europaea, Oil Unsaponifiables	5,00	Kinetik
Xperse 401 / Ultra Chemical	Zinc Oxide, Titanium Dioxide, Caprylic/capric triglyceride, Polyhydroxystearic acid, Alumina, Stearic acid, Triethoxycaprylylsilane	13,50	
Dermofeel Sensolv	Isoamyl Laurate	10,00	Kinetik
Cetiol C5 / BASF	Coco-Caprylate	2,50	
Plantsil	Hydrogenated Ethylhexyl Olivat, Hydrogenated Olive Oil Unsaponifiables	3,00	Kinetik
Carnauba Wax	Carnauba Wax	2,50	
Grape-serum	Vitis Vinifera (Grape) Seed Oil, Phytosterols, Olea Europaea (Olive) Oil Unsaponifiables	1,00	Kinetik
AGENAFLO 9050	Corn Starch Modified	2,00	AGRANA

Phase B (pH > 5,5)			
Water	Water	q.s.	
Glycerin / Stock	Glycerin (veg.)	5,00	
Magnesium Sulfate / Stock	Magnesium Sulfate	1,00	
GLB Fusion 5003 GL	Glycerin, Euterpe Oleracea (Acai) Fruit Extract, Garcinia Mangostana (Mangosteen) Peel Extract, Punica Granatum (Pomegranate) Extract	1,00	Kinetik
Verstatil SL	Water, Potassium Sorbate, Sodium, Levulinate	1,50	Kinetik
Citric Acid 25% sol	Citric Acid	q.s.	



AGRANA STARCH

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FDA Active %

Titanium Dioxide 23 %	3.105
Zinc Oxide 30 %	4.050

PROCEDURE

1. Combine phase A ingredients with high sheer prop. mixing. Heat to 70 – 75 °C.
2. In a side container, combine ingredients of phase B and heat to 70 – 75 °C. Mix until clear. Once uniform, adjust pH to 4,5 – 5,5 with Citric Acid 25 %. Add to main slowly in parts allowing each part to fully incorporate before adding the next.
3. Homogenize at 6.000 rpm for 1 min/kg. Begin force cool. Drop at 40 °C allow to set up overnight.

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