

Bug Block Jelly SPF

This gel is a multifunctional mineral sunscreen designed for active, outdoor lifestyles.

Ingredients	Phase	Trade Name	INCI name	% w/w	Supplier	Method
	A	HIPEgel® Oleo C	Glycerin, Coco-Caprylate/Caprate, Aqua, Sucrose Stearate, Sucrose Laurate	6.00	Alchemy Ingredients	
	A	Water	Aqua	1.00		
	A	Glycerine	Glycerin	7.00		
	B	CCT	Caprylic/Capric Triglycerides	54.50		
	B	Xperse® 102	Caprylic/Capric Triglyceride, Zinc Oxide, Polyhydroxystearic Acid	30.00	EverCare	
	C	Solastemis®	Fructose, Glycerin, Water, Sechium Edule Fruit Extract	1.00	Gattefossé	
	C	Citronella Oil	Cymbopogon Nardus (Citronella) Oil	0.50		
Formulation Code: 119-02-00-00/1						Characteristics
Ingredient Benefits	HIPEgel® Oleo C					Adapt the Formula
	<div><div><ul style="list-style-type: none">It enables the formulator to make high oil HIPEs easily at room temperature.Creates light, leave-on formulas with 'quick break' effects and varied textures.Transparent products can be achieved.</div><div><ul style="list-style-type: none">COSMOS approvedNATRUE approvedLow use levelPerfect for use in leave-on applications such as moisturisers, masks and massage gels.</div></div>					
						Method

<ul style="list-style-type: none">Combine phase A in a beaker and heat to 60°C.Combine phase B in a separate beaker.Using an overhead stirrer, add phase B to phase A very slowly over 5 minutes. Add phase C and stir in by hand fully.
<p>Stability</p> <p>Stable for 3 weeks at 50°C and 3 months at 40°C</p> <p>Appearance</p> <p>White Opaque Gel</p> <p>PH</p> <p>5-7</p> <p>Viscosity</p> <p>20,000 - 45,000</p>
<div><div><div>✓ PEG Free</div><div>✓ COSMOS</div><div>✓ Preservative Free</div></div><div><div>✓ Natural Origin</div><div>✓ Vegan</div></div></div>
<ul style="list-style-type: none">Change the oil phase.Change the active for different skin benefits.Adjust the water or glycerin levels for a different texture and viscosity.Increase or decrease mineral level for different SPF value.

The formulation above is intended for information purposes only based on the best of our knowledge. It is the responsibility of the customer to undertake the appropriate testing to determine the suitability of the product for their intended use.