

Slick sensorial payout from this clear gel stick makes for direct application and smooth delivery attended by the fine esters from our **Sensoderm/Activederm** line. Scalable protection from UV radiation is delivered by our breakthrough product **Uvasorb® Complete**. Indeed, *complete protection* from both UV-B and UV-A is the name of this game in a unique pourable liquid meeting Colipa parameters for broad spectrum protection.

		 Components	 INCI Declaration	 %	 Function
Phase I		Sensoderm CCT Sensoderm PGDH Sensoderm INN Uvasorb® Complete	Caprylic/Capric Triglyceride Neopentyl Glycol Diheptanoate Isononyl Isononanoat Octyl Pelargonate (and) Diethylhexyl Butamido Triazone (and) Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine (and) Diethylamino Hydroxybenzoyl Hexyl Benzoate	30.00 6.00 20.00 33.00	Ester-carrier Ester-carrier Ester-carrier UV filter blend
Phase II		GP-1 Gelling Agent ^(A) EP-21 Gelling Agent ^(A)	Dibutyl Lauroyl Glutamide Dibutyl Ethylhexanoyl Glutamide	2.40 1.60	Oil gellant Oil gellant
Phase III		Jjoba Oil Golden ^(B) Activederm RE ORC2100004 Peony & Pamplemousse ^(C)	Simmondsia Chinensis Seed Oil Caprylic/Capric Triglyceride (and) Oryza Sativa (Rice) Bran Oil (and) Tocotrienols Parfum	4.00 2.00 1.00	Botanical oil Antioxidant emollient Fragrance
Appearance Congealing Point SPF value <i>in vitro</i> (est.)		Golden colored translucent solid-state gel 77° C 50 – 55			

Procedure:

- To the main vessel combine the three Sensoderm esters and begin heating.
- Add Uvasorb Complete to this mixture and continue mixing and heating.
- Set turbine mixer at high speed and slowly incorporate both gelling agents.
- Heat to 120°C and mix for approximately 30 minutes until dissolved and clear.
- Stop heating and slow the speed of the mixer.
- As the temperature declines to 90°C, add Phase III materials in order. Mix until uniform.
- Fill into PP propel-repel canisters at 80 – 85°C. Allow to cool to RT before capping.

Sources:

- Ajinomoto
- Coast Southwest
- Orchidia

Compliance Regions for UV Filters: EU and LATAM

All information on this formulation is of a general nature and is furnished for your knowledge and understanding only. User assumes all risk of use, storage or handling, whether in accordance with directions or not.