

# *Polargel UV 1416 (SPF booster)*

*\*additional guideline notes to remember.....*

- ***INCI- Water (and) Bentonite (and) Titanium Dioxide (and) Picea Excelsa Extract, Xanthum Gum, (and) Sodium Polyacrylate***
- ***Because Polargel UV will add thickening, you should reduce Carbomer (0.3% maximum)***
- ***Typical use levels of Polargel UV are 3 - 4%***
- ***Always add Polargel UV to the water phase***
- ***TiO<sub>2</sub> is a pigmentary grade color additive (< 1/2% in formula / no sunscreen claim)***
- ***Sodium Polyacrylate is a Rheology modifying agent that gives the product a shear thinning effect***
- ***For the highest formulation efficiency we recommend an anionic emulsion (use Sodium Cetearyl Sulfate or Cetyl Phosphate)***
- ***Picea Excelsa Extract is a natural polymer that enhances the clay dispersion***

