



## SUNSCREEN FORMULA WITH MICROSLIP 519

<u>Product Name</u>	<u>INCI Name</u>	<u>%W/W</u>	<u>Supplier</u>
<b>Phase A</b>			
Water	Water	58.10	N/A
Glycerine	Glycerine	4.00	N/A
Veegum Ultra	Magnesium Aluminum Silicate	2.00	Vanderbilt
Methylparaben, USP	Methylparaben	0.20	ISP
<b>Phase B</b>			
Escalol 557	Octyl Methoxycinnamate	7.00	ISP
Escalol 587	Octyl Salicylate	3.00	ISP
Escalol 567	Benzophenone	3.00	ISP
Propylparaben, USP	Propylparaben	0.10	ISP
Polawax	Emulsifying Wax NF	10.00	Croda
Lipocol C	Cetyl Alcohol NF	1.00	Lipo Chemicals
Crodafos N10 Neutral	DEA Oleth-10 Phosphate	1.00	Croda
Octyl Palmitate	Octyl Palmitate	2.10	N/A
50% <b>Microslip 519/</b>	PTFE/	8.40	<b>Micro Powders, Inc.</b>
Octyl Palmitate	Octyl Palmitate		
<b>Phase C</b>			
Dowicil 200	Quaternium-15	0.10	Dow

### Procedure

1. Stir Constantly.
2. Mix first 3 ingredients of Phase A in batch tank for 30 minutes at room temperature.
3. Begin heating. Add methylparaben at 50°C.
4. In separate container, heat Phase B to 75°C.
5. Add Phase B at 75°C to A at 70°C and cool to room temperature.
6. Add Dowicil 200 at 45°C and qs with cold water to volume.
7. Homogenize and fill.