



# MICRO POWDERS, INC.

Specialty Micronized Wax Additives

SUNSCREEN LOTION WITH MICROSLIP 1260			
INGREDIENT	INCI NAME	% W/W	SUPPLIER
<b>Phase A</b>			
Deionized Water	Water	51.90	N/A
Glycerin	Glycerine	4.00	N/A
Veegum HV	Magnesium Aluminum Silicate	2.00	Vanderbilt Minerals LLC
<b>Phase B</b>			
Escalol 557	Octyl Methoxycinnamate	7.00	Ashland LLC
Escalol 587	Octyl Salicylate	3.00	Ashland LLC
Escalol 567	Benzophenone 3	3.00	Ashland LLC
Polawax	Emulsifying Wax NF	10.0	Croda
Cetyl Alcohol	Cetyl Alcohol	1.00	Protameen Chemicals, Inc.
Crodafos N10 Neutral	DEA Oleth-10 Phosphate	1.00	Croda
Protachem OP	Octyl Palmitate	2.10	Protameen Chemicals, Inc.
30.0% Microslip® 1260/ Protachem OP	PTFE and Titanium Dioxide/ Octyl Palmitate	14.00	Micro Powders, Inc. / Protameen Chemicals Inc.
<b>Phase C</b>			
Barguard™ CP	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol	1.00	Hampford Research Inc.
	<b>Total</b>	<b>100%</b>	

## Procedure

1. Stir Constantly
2. Mix first three ingredients of Phase A in batch tank for 30 minutes at room temperature.
3. Begin heating to 70°C. Add methylparaben at 50°C.
4. In a separate vessel, heat Phase B to 75°C.
5. (NOTE: Be sure to pre-mix the Microslip 1260 with the Octyl Palmitate before adding to Phase B)
6. Add Phase B at 75°C to Phase A at 70°C. Mix for an additional 10 min. while maintaining 75°C.
7. Begin to cool the batch to room temperature.
8. Add Phase C at 45°C. Once at room temperature, quantity sufficient (qs) the batch with cold water to volume.
9. Homogenize and fill.

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[www.mpipersonalcare.com](http://www.mpipersonalcare.com)