



## SurfaTech Corporation

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### Formulation Data Sheet

## Spider Ester ESO Sunscreen Lotion

<i>Component</i>	<i>wt%</i>
Water	49.5
Polysurf 67 CF	0.5
Propylene Glycol	2.0
Tetrasodium EDTA Versene 100	0.4
Octocrylene	7.5
Oxybenzone	3.0
Avobenzone	2.0
<b>Silsurf 612</b>	4.0
<b>Spider Ester ESO</b>	5.0
<b>Siltech F 0.65 Hexamethyl Disiloxane</b>	25.0
Propylparaben	0.2
Methylparaben	0.4
Fragrance Fruity Fresh 146887	0.5

#### Procedure:

1. Heat water to 75-80°C and dissolve the Polysurf. Mix until completely dissolved.
2. Cool to 50°C.
3. Add Propylene Glycol and Versene to water.
4. Mix Sunscreens, Silsurf, Spider Ester and Parabens and heat to 55C until all solids are completely dissolved.
5. Add Siltech F 0.65 and maintain temperature at 50°C.
6. Add Sunscreen mixture to water phase with high speed mixer. Mix until uniform.
7. Cool to 35°C, add Fragrance.
8. Fill.