Florasolvs® PEG-10 Sunflower is a hydrophilic emollient (HLB is 8 to 10) derived from ethoxylated high oleic sunflower oil glycerides. PEG-10 Sunflower is a water dispersible emollient which leaves the skin feeling smooth and soft and conditions the hair. PEG-10 Sunflower improves refatting and fragrance transfer to skin and hair in surfactant systems without compromising clarity and viscosity.

PEG-10 Sunflower acts as a fragrance transfer agent in shampoo formulations. A shampoo formula containing PEG-10 Sunflower provides excellent shine and "comb-out" and exhibits a good "tight" foam. Viscosity can easily be controlled by salt concentration. PEG-10 Sunflower is ideally suited for clear aqueous products, allowing for many color addition options. It has a refractive index around 1.460, HLB of 8.0 and pH of 6.9.

**Functions:**
- Solubilizer
- Source of Sunflower Emolliency
- Conditioner
- Refatting
- Secondary Emulsifier

**Applications**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Use Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Care</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Shampoo</td>
<td>0.2 - 5%</td>
</tr>
<tr>
<td>Toner/Freshener</td>
<td>0.5 - 10%</td>
</tr>
</tbody>
</table>

**Floraretech Prototype Formulas:**
- Sunflower Facial Scrub (B010)
- Sunflower Conditioning Shampoo (H003)

**Benefits:**
- Enhanced Foam Characteristics
- Hydrophilic Sunflower Emolliency

Florasolvs PEG-10 Sunflower is an excellent way to provide sunflower oil emolliency in water-based formulas.

Florasolvs PEG-10 Sunflower functions as a fragrance solubilizer, secondary surfactant and emulsifier.

Micro-emulsions can also be achieved with the use of PEG-10 Sunflower.

For more information on Floratech products, please visit [www.floratech.com](http://www.floratech.com)

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