## EMOLLIENTS & SOLVENTS

### 1,3 Butylene Glycol

**Description:**
INCI: Butylene Glycol

**Features & Functions:**
1,3 Butylene Glycol is a highly effective solvent. It inhibits the drying out of cosmetic and prevents the crystallization of insoluble components.
- Anti-acne
- Anti-microbial
- Soothing

### Activonol-3

**Description:**
INCI: Propanediol
Vegetal origin approved by COSMOS & ECOCERT

**Features & Functions:**
Activonol-3 is a 100% natural origin glycol with colorless and odorless features. It derives from bio-fermentation process.
- Anti-microbial
- Moisturizing
- Preservative booster

### Activonol-5N

**Description:**
INCI: Pentylene Glycol
Vegetal origin approved by COSMOS & ECOCERT

**Features & Functions:**
Activonol-5N is a 100% natural origin glycol. It is an excellent moisturizer and cosmetic solvent with colorless and odorless features. It has a good anti-microbial effect by itself and excellent synergistic effect combined with other glycols and preservatives.
- Anti-microbial
- Moisturizing
- Preservative booster

### Activonol-5

**Description:**
INCI: Pentylene Glycol

**Features & Functions:**
Activonol-5 is an excellent moisturizer and cosmetic solvent with colorless and odorless features. It has a good anti-microbial effect by itself and excellent synergistic effect combined with other glycols and preservatives.
- Anti-microbial
- Moisturizing
- Preservative booster

### Activonol-6

**Description:**
INCI: 1,2 Hexanediol

**Features & Functions:**
Activonol-6 is an odorless and non-irritant grade of Hexanediol.
- Anti-microbial
- Moisturizing
- Preservative booster
## EMOLLIENTS & SOLVENTS

<table>
<thead>
<tr>
<th><strong>Actinol-8</strong></th>
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<tbody>
<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>INCI: Caprylyl Glycol</td>
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<tr>
<td><strong>Features &amp; Functions:</strong></td>
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<tr>
<td>Activonol-8 is a multifunctional glycol with excellent moisturizing properties. It has a good anti-microbial effect by itself and excellent synergistic effect combined with other glycols and preservatives. Activonol-8 functions as skin/hair conditioning agent and viscosity control agent in cosmetic and personal care products.</td>
</tr>
<tr>
<td>• Anti-microbial</td>
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<tr>
<td>• Moisturizing</td>
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<td>• Preservative booster</td>
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<table>
<thead>
<tr>
<th><strong>Actinol-BG (UK)</strong></th>
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<tbody>
<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>INCI: Propanediol</td>
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<tr>
<td><strong>Features &amp; Functions:</strong></td>
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<tr>
<td>Activonol-BG(UK) is a 100% natural origin glycol with colorless and odorless features. Activonol-BG(UK) is very attractive for formulators due to light skin feeling, good spreadability and no skin irritation.</td>
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<tr>
<td>• Anti-microbial</td>
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<tr>
<td>• Emollient</td>
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<tr>
<td>• Humectant</td>
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<tr>
<td>• Preservative booster</td>
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<tr>
<th><strong>Actinol-EHG</strong></th>
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<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>INCI: Ethylhexylglycerine</td>
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<tr>
<td><strong>Features &amp; Functions:</strong></td>
</tr>
<tr>
<td>Activonol-EHG is a multifunctional additive as well as a very effective deodorant active. As an emollient and mild moisturizer it improves the skin feeling of cosmetic formulations.</td>
</tr>
<tr>
<td>• Anti-microbial</td>
</tr>
<tr>
<td>• Moisturizing</td>
</tr>
<tr>
<td>• Emollient</td>
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<tr>
<td>• Preservative booster</td>
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<tr>
<th><strong>CeraFLOW™ E</strong></th>
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<tr>
<td><strong>Description:</strong></td>
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<tr>
<td>INCI: Hydrogenated Polydecene</td>
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<tr>
<td><strong>Features &amp; Functions:</strong></td>
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<tr>
<td>CeraFLOW™ E is a synthetic hydrocarbon fluid that provides high lubricity and water resistance while stabilizing formulations. Its applications include make-up bases, foundation, lipstick, mascara, nail enamel and hair care products.</td>
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<tr>
<td>• Film forming</td>
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## EMOLLIENTS & SOLVENTS

### GreenDiol™

**Description:**
- INCI: 2,3 Butanediol
- Vegetal origin approved by COSMOS
- USDA certified
- Certified by Vegan Korea

**Features & Functions**
- GreenDiol™ is a sustainable, unique, 100% bio-based Butanediol derived from bio-fermentation process with colorless and odorless features. 2,3 Butanediol is the only Butanediol which occurs in nature. This multifunctional glycol has excellent moisturizing properties. It has a good anti-microbial effect by itself and excellent synergistic effect combined with other glycols and preservatives.
- Anti-microbial
- Moisturizing
- Preservative booster

### Permethyl® 99A

**Description:**
- INCI: Isododecane

**Features & Functions**
- The Permethyl® Series is composed of unique, highly-branched hydrocarbon chains. Permethyl 99A is highly volatile. It provides a light, non-oily feel with little residue and excellent solvency.
- Film forming

### Permethyl® 101A

**Description:**
- INCI: Isohexadecane

**Features & Functions**
- The Permethyl® Series is composed of unique, highly-branched hydrocarbon chains. Permethyl 101A is highly emollient, easy-spreading and moisturizing. It imparts a non-drying feeling on the skin and has a light, smooth feel with excellent cleansing properties.
- Film forming
- Moisturizing

### Permethyl® 102A

**Description:**
- INCI: Isoeicosane

**Features & Functions**
- The Permethyl® Series is composed of unique, highly-branched hydrocarbon chains. Permethyl 102A is a suitable replacement in "oil-free" products. It provides a satiny feel and produces high sheen.
- Film forming
# EMOLLIENTS & SOLVENTS

## Permethyl® 104A

**Description:**
- INCI: Polyisobutene

**Features & Functions:**
- The Permethyl® Series is composed of unique, highly-branched hydrocarbon chains. Permethyl 104A is highly occlusive with excellent coverage and barrier properties, improving the wear and shine of lip products.
- **Film forming**

## Permethyl® 105A

**Description:**
- INCI: Polyisobutene

**Features & Functions:**
- The Permethyl® Series is composed of unique, highly-branched hydrocarbon chains. Permethyl 105A is highly occlusive with excellent barrier and long-lasting wear properties. It may be combined with other Permethyls to balance film forming and aesthetic properties.
- **Film forming**

## Permethyl® 106A

**Description:**
- INCI: Polyisobutene

**Features & Functions:**
- The Permethyl® Series is composed of unique, highly-branched hydrocarbon chains. Permethyl 106A is highly occlusive with excellent coverage and barrier properties. It improves wear and shine of lip products and may be combined with other Permethyls to balance film forming and aesthetics properties.
- **Film forming**

## Permethyl® 246C

**Description:**
- INCI: C18-21 Alkane, Polyisobutene

**Features & Functions:**
- Permethyl® 246C is the 2nd generation of Permethyl with increased functionality. It provides high levels of slip, gloss and cushion while offering formulators a choice in the degree of volatility, film formation and emolliency. It is deeply moisturizing with improved barrier properties.
- **Film forming**
- **Moisturizing**

## SiClone® SR-5

**Description:**
- INCI: Isohexadecane, Isododecane, C13-15 Alkane

**Features & Functions:**
- SiClone SR-5 has good volatility, slip, cushion and overall aesthetics. It is a volatile silicone (D4-, D5-, D6-cyclohexecnone) replacement comprised of a blend of hydrocarbons.
- **Film forming**