

## Products of POLYGON CHEMICAL LTD.



POLYGON

### Cosmetics - Active ingredients

The product list is not complete. The statements made do not dispense the reader from verifying them.

| Product names | Properties |
|---------------|------------|
|---------------|------------|

#### Nature-identical antimicrobial fragrances

|                    |  |
|--------------------|--|
| BIODOR LOD special | Alternative preservation for leave-on products.<br>Supports the antiperspirant effect.<br>Prophylactic effect against microbial skin infections.     |
| BIODOR U special   | Alternative preservation for rinse-off and leave-on products.<br>Supports the antiperspirant effect.<br>Prophylactic effect against skin infections. |

#### Preservatives

|                       |  |
|-----------------------|--|
| POLYSOL AC            | Can be used together with other products of the BIODOR range or by itself; all ingredients listed in Europe and Japan.<br>Can be used to adjust the pH-value.<br>All ingredients are recommended for use by the German Öko-Test regulations. |
| POLYSOL NK <b>new</b> | A preservative for natural cosmetics<br>complies with standards of NaTrue and BDIH   |

#### Special Plant Extracts

|               |  |
|---------------|--|
| POLYPLANT AS  | Increases the hydrating effect of the skin, the lipid synthesis in lower skin layers and the skin elasticity<br>Prophylactic effect against wrinkles.<br>Strengthens the lipid barrier of the skin.  |
| POLYPLANT FWR | Supports blood circulation in the skin, the sunlight protection and the antioxidative and antimicrobial effects.<br>Prophylactic effect against dandruffs and skin irritation as well as microbial skin infections.<br>Forms a protective film on skin and hair. |
| POLYPLANT GL  | Supports wound healing.<br>Shows antiphlogistic, antioxidative and antimicrobial effects.<br>Reduces itching (pruritis) and skin inflammation and irritation.  |
| POLYPLANT HG  | Supports wound healing and antiphlogistic effect.<br>Reduces itching (pruritis) and skin inflammation and irritation.  |
| POLYPLANT LHR | Causes refatting effect on the skin.<br>Increases the hydrating effect of the skin and skin elasticity.<br>Strengthens the lipid barrier of the skin.  |

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| <b>Product names</b> | <b>Properties</b>   |
|----------------------|---|
| POLYPLANT ME special | Supports the antimicrobial and antioxidative effects.<br>Prophylactic effect against dandruffs and microbial skin infections.   |
| POLYPLANT PS         | Supports the maintenance of the natural skin and hair moisture.<br>Strengthens the lipid barrier of the skin.<br>Smooths the shaft of the hair.<br>Reduces itching (pruritis) and skin inflammation and irritation.<br>Supports the antimicrobial effect.   |
| POLYPLANT RWB        | Improves the hair quality, its hold and shine as well as the combability of wet and dry hair.<br>Reinvigorates and smoothens the hair shaft.<br>Reduces flyaway hair.<br>Increases tensile strength of hair.  |
| POLYPLANT UL         | Regenerates collagen fibre bundles and the skin damaged by sunlight (photoaging).<br>Reduces number and depth of wrinkles.<br>Increases skin elasticity.  |
| POLYPLANT VIT        | Prevents the formation of skin damaged by reactive oxygen species (ROS, free radicals).<br>Supports anti-aging effect.<br>Strengthens the lipid barrier of the skin.<br>Recues the transepidermal water loss (TEWL)<br>Improves the hair quality and the hold and shine of the hair.<br>Increases the tensile strength of the hair. |
| SKINWELL DFA         | Prophylactic effect against perspiration odour, dandruffs, and fungal skin infections.<br>Prophylactic effect against acne.<br>Supports the antimicrobial and antiphlogistic effects.   |
| SKINWELL ZPA         | Increases the maintenance of the natural skin moisture.<br>Strengthens the lipid barrier of the skin.<br>Reduces (oily) skin impurities and sebum production.   |