

HAIR STRAIGHTENING SERUM S

Straightening Serum is specially formulated with high molecular weight **Zenester S**. substantive 25,000 mw polymer helps combat thick, course and very curly hair, and produces The ultra-straight hair without adding extra weight. It will moisturize your hair and eliminate frizz. Helping your hair feel silky and smooth.

Works well on all hair types even especially dry damaged hair. Apply to towel dried hair and distribute evenly with a comb. Blow dry with a paddle brush or round brush.

| | Trade Name | INCI Name | Function | %W/W | Supplier |
|---|-----------------------------|--|--|----------|-------------------------------------|
| 1 | 1,3 Butylene Glycol Naturel | Butylene Glycol | Humectant | 38 | DKSH |
| 2 | ZENESTER® S | PEG-8 Dimethicone/Dimer Dilinoleic Acid Copolymer | Humectant, Substantive polymer, (25,000 mw) | 5 | Zenitech Via ProTec Ingredia |
| 3 | Water | Aqua | Solvent | 35 | |
| 4 | SeraSense GB10 | Cyclopentasiloxane (and) Dimethiconol | Skin & Hair Conditioner | 19.6 | Basildon KCC |
| 5 | SEPIGEL 305 | Polyacrylamide & C13-14 Isoparaffin & Laureth-7 | Thickener | 2 | Seppic |
| 6 | GLYDANT PLUS LIQUID | DMDM Hydantoin (and) Iodopropynyl Butylcarbamate | Preservative | 0.4 | Lonza |

Method of Manufacture

Into the main vessel add:

1,3 Butylene Glycol

ZENESTER® S Start the mixer the mixer on a slow speed
Mix until uniform, avoiding aeration

Water Mix with moderate\slow mixing, avoiding aeration
If the product becomes aerated stop mixing the air will dissipate quickly.

Turn the mixer to the lowest setting. (in the lab use a paddle or gate stirrer.)

SeraSense GB10 Mix slowly avoiding aeration. Mix until uniform and homogenous

SEPIGEL 305 Mix slowly avoiding aeration. Mix until uniform and homogenous

GLYDANT PLUS LIQUID Mix slowly avoiding aeration. Mix until uniform and homogenous

Check Product specifications

Product Specifications

| | |
|------------|---|
| pH | N\A Microemulsion |
| Viscosity | 250-300,000cps LVT, TBAR F, Speed 2, 1 minute |
| Colour | Colourless |
| Appearance | Clear\Slightly hazy gel |
| Odour | Neutral |

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