

Straightening Serum R-XX is specially formulated with medium molecular weight **Zeniberry R-XX**. The substantive 6,000 mw polymer helps combat frizz, curls and waves on dry damaged hair. It produces ultra-straight hair without adding extra weight. It will moisturize your hair and eliminate frizz. Helping your hair feel silky and smooth. By using the **Zeniberry R-XX** a natural Raspberry element can be introduced to a normally synthetic system.

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	<b>ZENIBERRY® R-XX</b>	<b>PEG-8 Dimethicone, PEG-8 Raspberriate</b>	<b>Humectant, Substantive polymer (6,000 mw)</b>	<b>5</b>	<b>Zenitech Via ProTec Ingredia</b>
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

**ZENIBERRY® R-XX** 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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