

Strong Hold Styling Gel No. 1

(Sample Recipe for HairFix XH Maltodextrin)

Strong Hold Styling Gel

Phase A	Weight %	For 100g /3.6 oz
Water (diluent)	69.35 %	69.35 g / 2.5 oz
Tetrasodium EDTA (chelating agent)	0.04 %	0.04g / 0.001oz
Sorbitol (humectant)	0.2 %	0.2g / 0.007oz
GelMaker Style (styling agent)	2.5 %	2.5g / 0.09oz
HairFix XH Maltodextrin (styling agent)	25 %	25.0g / 0.9oz
Silk Protein (film-forming agent)	1 %	1.0g / 0.04oz
Provitamin B5 (protecting agent)	0.5 %	0.5g / 0.02oz
Phase B		
Mica Light Blue (colorant)	0.01 %	0.01g / just a pinch
Fragrance (perfume)	0.2 %	0.2g / 7 drops
Phenoxyethanol-SA (preservative)	0.7 %	0.7g / 0.025oz
Triethanolamine (neutralizer)	0.5 %	0.5g / 0.017oz add drop wise

Method

Add EDTA to the water and mix until dissolved.

Add Sorbitol to the water and mix until dissolved.

Add GelMaker Style and stir well.

Add HairFix XH/Maltodextrin and stir well.

Add phase B ingredients and stir well.

Add Triethanolamine (TEA) drop wise, stir continuously until the gel becomes thick. Ideal pH around 5.5-6.5.

Properties

HairFix XH/Maltodextrin offers structural hold, lasting control, and manageability. If an extreme hold is desired Hair Fix XH/Maltodextrin can be increased to about 32%.