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HAJCEL 165

HAJCEL 165 is based on blend of Glyceryl Stearate and PEG-100 Stearate.

INCI name: Glyceryl Stearate and PEG-100 Stearate

CAS No: 123-94-4 (and) 9004-99-3

SPECIFICATION

Appearance	White to cream colored flakes
Odor	Characteristic
Saponification value	90-100 mgKOH/g
Acid Value	max. 2 mg KOH/g
Iodine value	max. 2 %
Moisture	max. 2%
Melting point °C	50-60°C

SOLUBILITIES :

Dispersable in water Insoluble in alcohol, cottonseed oil, mineral oil and propylene glycol

HAJCEL 165

Glyceryl stearate and PEG-100 stearate is a combination of two emulsifying (and emulsion stabilising) ingredients. Glyceryl stearate is a solid and waxy compound.

The surfactant qualities of glyceryl stearate and PEG-100 stearate allow oil and water to mix.

The stabilising effect of these two ingredients means that the product remains blended and will not separate.

Creams and lotions are water and oil droplets held together by materials called emulsifiers, without them oil droplets would float on top of the water.

When used in a moisturiser, this forms a protective barrier on the surface of skin, greatly assisting moisture retention and gives a smooth and protective cream.

Glyceryl stearate and PEG-100 combination is also used in solid hair conditioner formulation for an effective product, which detangles the hair, and leaves it in excellent condition.