

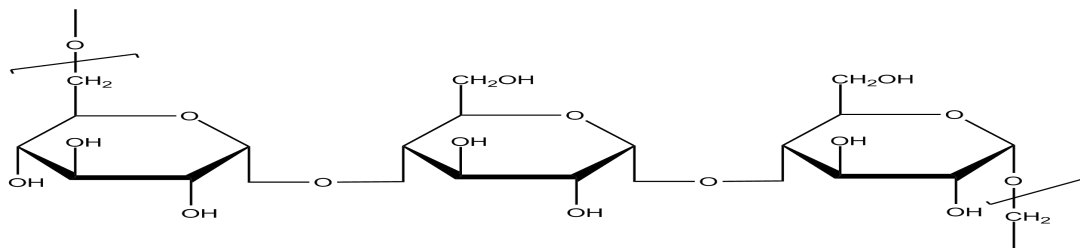
PRODUCT DATA

Evermoist™ Pullu (Cosmetics Grade)

Sep 2017

Trade Name: Evermoist™ Pullu
INCI Name: Pullulan
Chemical Name: Natural Polysaccharide
CAS No.: 9057-02-7
EC No.: 232-945-1

Chemical Structure:



Typical Properties:

Appearance (25°C)	White powder
Identification	Comply with the standard
pH (10% aq.)	4.5-6.5
Loss on drying (%)	≤8.0
Residue on ignition (%)	≤5.0
Mono-, di- and oligosaccharide (% , expressed as glucose)	≤10
Total Protein	≤0.3

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Introduction:

Evermoist™ Pullu (Pullulan) is a naturally occurring water-soluble poly maltotriose (three glucose molecules linked by α -1,4 bonds), produced by *Aureobasidium pullulans* using sucrose, starch hydrolysate or other carbohydrate fermentation, polymerization degree of 100-5000, with an average molecular weight of 40 thousand -200 Dalton.

Evermoist™ Pullu is non-toxic and safe, with heat, salt, acid and alkali resistance, good viscosity stability after heating, strong plasticity.

Evermoist™ Pullu is a Newtonian fluid with low viscosity, excellent lubricity, and a smooth skin feel. Good film-forming properties and good air permeability, anti oxidation, isolation of static electricity, dust and moisture and other excellent properties, suitable for use in cosmetics, and can protect the skin from environmental effects. The film also has a certain tensile strength, the cream can be used to stretch the skin, wrinkle effect. Pullulan as a cosmetic film component of masks makes them easy to remove, assists deep skin cleaning, and effectively removes dead skin cells. Pullulan also performs as an effective and stable carrier for active ingredients, colors and fragrances.

Applications:

It can be used in moisturizing cream, sunscreen, anti-PM2.5 cream, anti-radiation cream, facial mask, personal cleaning products, hair conditioner shampoo, hair styling agent, etc.

Recommended use level:

Facial mask: 3-15%; other products: 0.5-5%.

Storage: Store at cool ventilated place with container sealed, avoid direct light.

Package: 20 kg /drum.

Retest date: 24 months from manufacturing date.