

PRODUCT DATA

Evermild™ PGA

Jul 2020

Trade Name:	Evermild™ PGA
INCI Name:	Polyglutamic Acid
CAS No. :	25513-46-6

Typical Properties:

Appearance (25 °C)	White to pale yellow powder
Content (GPC, %)	92 Min.
Molecular weight (GPC, Da)	700,000 Min.
pH (1% Soln., 25 °C)	5.0-7.0
Transmittance (5g/L Soln., 400nm)	95 Min.
Loss on drying (105 °C, 2h)	10.0 Max.
Total plate count(cfu/g)	≤ 500

Benefits:

- Long lasting moisturization and humectancy – forms a smooth, soft flexible film on the skin, improving skin; Feel and promoting against the environmental aggression;
- Promotes the production of the Natural Moisturizing Factor with long term use;
- Increases skin elasticity for heightened aesthetics;
- Inhibits the production of melanin;
- Enhances the hair's tensile strength; minimizes damage caused by bleaching agents;
- Reduces the tackiness of hyaluronic acid (sodium hyaluronate) in formulations

Formula Guideline:

Pre-prepare 0.5-2% water solution and then add it into the system (cold process).

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Applications: Lotion, facial mask, spray, moisturizing lotion, essence, gel, sunscreen, liquid foundation, protection emulsion, hair conditioner.

Recommended use level: 0.01-1.00 %.

Storage: Store in a cool, dry place with container sealed.

Package: 0.5Kg / bag.

Shelf Life: 24 months from date of manufacture.