

PENCARE™ DP 1015 36164400

PenCare™ DP 1015 is a 90% active, cationic charged biopolymer, which can be used as a superior deposition and conditioning agent in hair and skin care applications.

Chemical and Physical Properties

	Min.	Max.
Moisture %	5.0	12.0
pH (1% w/w slurry)	5.0	7.0
Viscosity (1%) 25°C, cps	200	1000

Physical Appearance

	Typical
Color	White to Off-White
Form	Powder

Microbiological Limits

	Max.
Total Plate Count/g	300
Yeast/g	50
Mold/g	50
E. coli	Negative
Salmonella	Negative

Packaging and Storage

PenCare™ DP 1015 is packaged in 25 kg fiberboard drums. PenCare™ DP 1015 should be stored in a clean, dry area at ambient temperature and away from heavily aromatic material.

Shelf Life

5 years

INCI Name

Starch Hydroxypropyltrimonium Chloride

Features and Benefits

- High salt tolerance for thickening in surfactant systems
- Efficient silicone deposition aid
- Easy to hydrate at room temperature
- Compatible in conventional and sulfate-free systems
- High degree of clarity
- Low viscosity.

Effective Date: October 8, 2021

Next Review Date: October 8, 2024

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