

## SiSiB® PC19553 Conditioning Agent

**INCI NAME** Bisamino PEG/PPG-41/3 Aminoethyl PG-Propyl Dimethicone (and) Glycerin (and) Dipropylene Glycol

**INTRODUCTION** SiSiB® PC19553 is a novel (AB)<sub>n</sub>-type silicone copolymer conditioning agent with both hydrophobic silicone segments and hydrophilic polyether segments. This unique molecular structure offers very low surface tension, excellent spreading and deposition performance, and superior dispersion in water.

It delivers outstanding conditioning and detangling effects in rinse-off and leave-in hair care formulations, while minimizing the excessive buildup issues associated with traditional cationic polymers or amino silicones.

- ADVANTAGES**
- Provides excellent conditioning and moisturization for damaged hair
  - Enhances deposition for lasting softness and smoothness
  - Improves fiber alignment, reduces frizz, and controls flyaways
  - Helps maintain curls and volume in styling applications
  - Mild cationic character; low yellowing and anti-static performance
  - Compatible with transparent systems and most organic ingredients

**PHYSICAL PROPERTIES**

Appearance	Transparent to translucent liquid
Ionic	Weak Cationic (emulsion)
Viscosity (mPa.s, 25°C)	<10,000
PH	5.0-7.0
Solid content (w/w)	Approx. 30%

These values are typical and not intended for specification purposes.

**BENEFITS & APPLICATIONS**

SiSiB® PC19553 is suitable for a wide range of rinse-off and leave-in hair care formulations, including:

- 2-in-1 shampoos
- Transparent shampoos
- Rinse-off conditioners and hair masks
- Leave-in conditioners and styling treatments
- Pre- and post-color or chemical treatment care

## SiSiB® PC19553 Conditioning Agent

Can be added directly to the aqueous phase under gentle agitation. Compatible with transparent and emulsion systems.

### RECOMMENDED DOSAGE

Typical usage level is 0.5-5%, depending on the formulation type and desired performance. It is recommended to conduct a preliminary test to determine the optimal dosage.

### PACKING

SiSiB® PC19553 is available in 200Kg steel drums.

### HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

### STORAGE

SiSiB® PC19553 should be stored in original, unopened containers in a cool, dry area, protected from moisture and direct sunlight. It has a shelf life of at least 12 months from the date of manufacture. Keep containers tightly closed when not in use.

### LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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