

## Product specification

**Luviquat® PQ 11 AT 1**

PRD 30492732

Valid since 12.04.2016  
Revision 1.1

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**Care Chemicals****Characteristic values**

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

**INCI name:** Polyquaternium-11  
**Physical form:** Viscous liquid

**Quality control data**

(Data which is used for quality release and is certified for each batch.)

Test property	Specification	Test method
Viscosity Brookfield (23 °C; LV;sp. 4, 12 rpm)	10000 - 40000 mPas	BASF method
Solid content (150 °C/1h/1g)	19.0 - 21.0 %	BASF method
pH value (10 % based on solid content in water)	5.0 - 7.0	BASF method
Color Gardner	max. 3.0	BASF method
Vinylpyrrolidon	max. 50 ppm	BASF method

Notes:

**Storage information**

**Shelf life**  
36 months

**Storage temperature**  
Between + 15°C and + 25 °C.

**Storage conditions**  
In original sealed containers and protected from moisture.



We create chemistry

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**Care Chemicals**

**Intended for use as cosmetic ingredient**

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of the risk. The data are controlled at regular intervals as part of our quality assurance program.

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