

Product specification

Luviquat® PQ 11 AT 1

PRD 30492732

Valid since 21.10.2016
Revision 2.0

Page 1 of 2

® = registered trademark of BASF in many countries ™ = Trademark of BASF

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

Product specification

Luviquat® PQ 11 AT 1

PRD 30492732

Valid since 21.10.2016
Revision 2.0

Page 2 of 2

® = registered trademark of BASF in many countries ™ = Trademark of BASF

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.

SELLER MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, BY FACT OR LAW, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This is a computer generated document. It is valid without signature.