



Product certificate K81043/03

Issued 2020-03-01

Replaces K81043/02

Page 1 of 2

Perma Treat® PC-1638T

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Ecolab Europe GmbH

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K15003 for the "Kiwa product certificate for products used for treatment and/or production of drinking water", dated 25-10-2016.

Ron Scheepers
Kiwa

Publication of this certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

Kiwa Nederland B.V.

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Production Location

Nalco Saudi Company Ltd.
Dammam
2nd Industrial City
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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Perma Treat® PC-1638T

PRODUCT SPECIFICATION

This certificate covers the product 'Perma Treat® PC-1638T'. The product is utilized as antiscalant for reverse osmosis installations.

PRODUCT REQUIREMENTS

The product as described in this certificate complies with BRL K15003, including the requirements as specified in NEN-EN 15040: Chemicals used for treatment of water intended for human consumption – Antiscalants for membranes-Phosphonic acids and salts.

FITNESS FOR CONTACT WITH DRINKING WATER

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation", dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects. The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate

MARKING

Design of the required Kiwa certification mark:

- "kiwa ", in ink or seal.

Location of the mark:

- On the packaging / On the delivery receipt.

Mandatory marks:

- "kiwa ";
- "Perma Treat® PC-1638T"
- "K81043".

APPLICATION AND USE

'Perma Treat® PC-1638T' is an antiscalant for reversed osmosis installation for the preparation of water intended for human consumption.

The maximum dosage to the feed water is:

- 15 mg/l for 'Perma Treat® PC-1638T'.

REMAINING CONDITIONS

The means for and the way of transportation, storage and packaging have to be in accordance with the directives as given by the consumer, taking into consideration the use of the product (these guidelines are not a part of the hygienic requirements).

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Ecolab Europe GmbH
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.