



Product certificate K24178/04

Issued 2020-08-15

Replaces K24178/03

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‘Hydrat C’ and ‘Hydrat HHR’

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

Lhoist Germany

Rheinkalk 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 the Kiwa Guideline BRL-K15003 “Evaluation Guideline 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.

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**Certification process
consists of initial and
regular assessment of:**

- quality system
- product

'Hydrat C' and 'Hydrat HHR'

PRODUCT SPECIFICATION

This certificate covers conditioning agents with the brand names 'Hydrat C' and 'Hydrat HHR'.

PRODUCT REQUIREMENTS

The products as described in this certificate comply with BRL-K15003, including the requirements as specified in NEN-EN 12518: Chemicals used for treatment of water intended for human consumption – High-calcium lime.

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 ";
- "Hydrat C" or "Hydrat HHR";
- "K24178".

APPLICATION AND USE

- 'Hydrat C' and 'Hydrat HHR' are used as softening agents during drinking water production. Based on the maximum dosage of 135 mg calcium per liter of water to be treated, the maximum dosage of 'Hydrat C' and 'Hydrat HHR' is 249 mg/l.
- When using calcium hydroxide and calcium oxide, the concentration of aluminum in the water may increase. In accordance with the Drinking Water Decree, the regulating authority must be notified if the value for aluminum of 30 µg/l exceeded (or if exceeding is imminent).

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 criteria.)

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:

- Lhoist Germany
Rheinkalk GmbH

and, if necessary,

- Kiwa Nederland B.V.

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

Check whether this certificate is still valid by consulting www.kiwa.nl.