



## Product certificate K1023/06

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Replaces K1023/05

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### SpiroPlus Vloeistoffen / SpiroPlus Fluids

#### 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

### Spirotech B.V.

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-HA 3008 "Warmteoverdrachtmedia en corrosieremmers" dated 2011-06-29.

Ron Scheepers  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

# CERTIFICATE

288180711

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## SpiroPlus Vloeistoffen / SpiroPlus Fluids

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### PRODUCT SPECIFICATION

This certificate covers SpiroPlus Fluids. SpiroPlus Fluids are products with the following trade names: 'SpiroPlus Limecleaner' and 'SpiroPlus Sealer'.

### APPROVAL

The products are approved on the basis of the requirements 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; published in the Government Gazette).

### CRITERIA HYGIENIC ASPECTS

The product certification is based on two main criteria. It should permanently comply with the:

- product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa following the Kiwa approval procedure related to the hygienic aspects.
- specific product requirements (see "PRODUCT REQUIREMENTS HYGIENIC ASPECTS").

### PRODUCT REQUIREMENTS HYGIENIC ASPECTS

For these products are relevant the positive list mentioned in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" (published in the Government Gazette).

The remaining valid MTC's are, with respect to confidentiality, laid down in the non-public 'appendix hygienic aspects' to certificate K1023. For this product no specific product requirements are applicable.

### APPLICATION AND USE

The 'SpiroPlus Fluids' are intended to be used in central heating systems which are used for heating drinking water. The central heating systems are separated from the drinking water by means of a single metal wall.

- 'SpiroPlus Limecleaner' : the ratio for use in CV installations is 1 liter 'SpiroPlus Limecleaner' per 10 liters drinking water;
- The treated drinking water heating system should be rinsed five times thoroughly with potable water before it is re-commissioned for heating drinking water.

### MARKING


Design of the required Kiwa certification mark:

- "kiwa ", in ink or seal.

Location of the mark:

- On the product / On the packaging / On the delivery receipt.

Mandatory marks:

- "kiwa ";
- "SpiroPlus Limecleaner" and "SpiroPlus Sealer";
- "K1023".

### 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:

- Spirotech B.V.
- and, if necessary,
- Kiwa Nederland B.V.

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