



Kiwa ATA  
K13840/03

**kiwa**   
Partner for progress

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Replaces K13840/02  
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Certificate

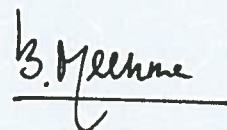
## Kemira PIX-311 iron(III)chloride solution 40 %

### STATEMENT BY KIWA

Based on pre-certification tests as well as periodic inspections by Kiwa, each product referred to in this certificate and marked with the Kiwa-ATA-mark as indicated under "Marking", supplied by

## Kemira Germany GmbH

is considered, at delivery, to comply with the Kiwa-ATA-criteria, as laid down in the Kiwa-ATA-certification agreement number K13840.



Bouke Meekma  
Kiwa

This certificate is issued in accordance with the "Kiwa-Regulations for ATA Product Certification: 2004" dated 1 December 2004.

This certificate consists of 2 pages.  
Publication of the certificate is allowed.

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Certification process  
consists of initial and  
regular inspection of:

- quality system
- product

## Kemira PIX-311 iron(III)chloride solution 40 %

### PRODUCT SPECIFICATION

This certificate is related to "Kemira PIX-311 (ex. Rheinberg)", an iron(III)chloride solution 40 %.

### APPROVAL

The products are approved on the basis of the requirements set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" (Regulation materials and chemicals for drinking water and warm tap water supply; published in the Government Gazette).

### ATA-CRITERIA

The ATA-product certification is based on two main criteria. It should be 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-ATA-approval procedure.
- specific product requirements (see "ATA-PRODUCT REQUIREMENTS").

### ATA-PRODUCT REQUIREMENTS

For this product are relevant the specification and requirements of the positive list for iron(III)chloride of the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening". The contents of the following heavy metals, expressed in mg/kg iron(III)chloride solution (40 %), may not be exceeded.

Component	Maximum content in mg/kg	Component	Maximum content in mg/kg
Antimony	1.5	Lead	2.6
Arsenic	2.6	Mercury	0.3
Cadmium	1.5	Nickel	70
Chromium	70	Selenium	3

### APPLICATION AND USE

"Kemira PIX-311" is used for drinking water treatment, especially for the coagulation. The maximum dosage is 50 mg Fe per litre water to be treated, which means 363 mg of "Kemira PIX-311" per litre water to be treated.

### MARKING


The products are marked with the specified Kiwa-ATA-mark:

- "KIWA ", in ink or seal.

Place of the mark:

- On the packaging or on the delivery receipt.

Compulsory specification:

- "KIWA ";
- "Iron(III)chloride solution 40% Kemira PIX-311 (ex. Rheinberg)";
- "K13840".

### 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 ATA-criteria.)

### RECOMMENDATIONS FOR CUSTOMERS

1. Check at the time of delivery whether:
  - 1.1 the supplier has delivery in accordance with the agreement;
  - 1.2 the mark and the marking method are correct;
  - 1.3 the products show no visible defects as a result of transport etc.
2. If you should reject a product on the basis of the above, please contact:
  - 2.1 Kemira Germany GmbH  
and, if necessary,
  - 2.2 Kiwa N.V.
3. Consult the supplier's (processing) guidelines for the proper storage and transport methods.
4. Check whether this certificate is still valid by consulting [www.kiwa.nl/ata](http://www.kiwa.nl/ata).