

Number	K14433/01	Replaces	--
Issued	1999-12-01	Dated	--

**Kiwa-ATA
Ferrichloride**

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

Sidra Wasserchemie GmbH

may, on delivery, be relied upon to comply with the Kiwa-ATA-criteria, as laid down in the Kiwa-ATA-certification agreement no. K14433.

Kiwa N.V.



ing. B. Meekma
Director
Certification and Inspection

This certificate is issued in accordance with the "Kiwa-Regulations for the ATA (Assessment on Toxicological Aspects) Product Certificate" validation January 1, 1994, and consists of 2 pages.
Publication of the certificate is permitted.

Kiwa N.V.
Certification and Inspection
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Company
Sidra Wasserchemie GmbH
Zeppelinstrasse 27
D-49479 Ibbenbüren
Germany
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Internet: www.sidra.de

Ferrichloride

PRODUCTSPECIFICATION

"Ferrichloride" is a solution of iron(III)-chloride in water, with a concentration of 40 %.

APPLICATION AND USE

"Ferrichloride" is intended to be used as a coagulant in the drinking water treatment.

The maximum dose of "Ferrichloride" has to be such, that the limiting value of 50 mg Fe per liter drinking water to be treated may not be exceeded.

CHEMICAL COMPOSITION

The chemical composition is specified in the annex of the Kiwa-ATA-certification agreement no. K14433.

It is not to be changed without written permission by Kiwa after approval according to the ATA-approval-procedures.

CRITERIA/REQUIREMENTS

For this product are relevant the purity requirements as stated in the "Guideline quality of materials and chemicals for drinking water supplies", publication 94-01, by the Inspectorate of public Health and Environmental Protection.

APPROVAL

The accordance of the Chief Inspector of Public Health and Environmental Protection has been given based on the product meeting the positive list as published in the "Guideline quality of materials and chemicals for drinking water supplies", publication 94-01.

MARKING

Form of the specified Kiwa-ATA-mark:

- Kiwa-ATA, in ink or seal.

Location of the mark:

- on the delivery receipt.

Required additional marking:

- Kiwa-ATA;
- Ferrichloride.

TIPS FOR THE CUSTOMER

1. Check at the time of delivery whether:
 - 1.1 the producer 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 Sidra Wasserchemie GmbH
and, if necessary,
 - 2.2 Kiwa N.V.
3. Consult the producer's processing guidelines for the proper storage and transport methods.
4. Check whether this certificate is still valid by consulting the Kiwa internet site.

LOGISTICS

For the transportation, storage and packing are in force the directives in relation to the application of the product as given by the customers.

Nummer K14433/01 Vervangt
Uitgegeven 1999-12-01 d.d.

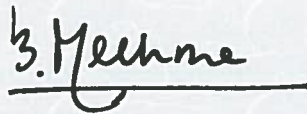
Kiwa-ATA
Ferrichloride

Op grond van onderzoek, alsmede regelmatig door Kiwa uitgevoerde controles, worden het door

Sidra Wasserchemie GmbH

geleverde product, dat gespecificeerd is in dit certificaat, en dat voorzien is van het onder "Merken" aangegeven Kiwa-ATA-keur, bij aflevering geacht te voldoen aan van toepassing zijnde Kiwa-ATA-criteria, zoals die zijn vastgelegd in de Kiwa-ATA-Certificatie-overeenkomst nr. K14433/01.

Kiwa N.V.



ing. B. Meekma
Directeur
Certificatie en Keuringen

Dit certificaat is afgegeven conform het Kiwa-Reglement voor het Productcertificaat: Attest Toxicologische Aspecten (ATA).
Dit certificaat bestaat uit 2 pagina's.
Openbaarmaking van het certificaat is toegestaan.

Onderneming

Sidra Wasserchemie GmbH
Zeppelinstrasse 27
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Certificatie en Keuringen
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2280 AB Rijswijk

Telefoon 070 41 44 400
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Internet www.kiwa.nl

Ferrichloride

PRODUCTSPECIFICATIE

Ferrichloride is een oplossing van 40 % ijzer(III)-chloride in water.

TOEPASSING EN GEBRUIK

Ferrichloride wordt gebruikt als vlokmiddel in de drinkwaterproductie.

CRITERIA/EISEN

Op dit product zijn van toepassing de zuiverheidseisen zoals vastgelegd in de positieve lijst voor ijzerchloride oplossing in het boekje 'Richtlijn kwaliteit materialen en chemicaliën drinkwatervoorziening' van de Staatstoezicht op de Volksgezondheid.

De maximale dosering van Ferrichloride dient zodanig te zijn, dat de grenswaarde van 50 mg Fe betrokken op 1 L te behandelen water niet wordt overschreden.

MERKEN

Uitvoering van het voorgeschreven Kiwa-ATA-merk:

- Kiwa-ATA, opdruk met inkt of zegel

Plaats van het merk:

- Op de afleverbon

Verplichte merken:

Kiwa-ATA, Ferrichloride

CHEMISCHE SAMENSTELLING

De chemische samenstelling is vastgelegd in de bijlage van de Kiwa-ATA-Certificatie-overeenkomst nr. K14433/01.

Iedere wijziging in de productreceptuur, zoals die is vastgelegd in de Kiwa-ATA-Certificatie-overeenkomst dient eerst door Kiwa goedgekeurd te worden volgens de daarvoor geldende procedure.

LOGISTIEK

De middelen voor de wijze van transporteren, opslaan en verpakken dienen in overeenstemming te zijn met de door de afnemer, met het oog op de toepassing van het product, gegeven richtlijnen.

WENKEN VOOR DE AFNEMER

1. Inspecteer bij de aflevering of:
 - 1.1 geleverd is wat is overeengekomen;
 - 1.2 het merk en wijze van merken juist zijn;
 - 1.3 de producten geen zichtbare gebreken vertonen als gevolg van transport en dergelijke
 2. Indien u op grond van het hiervoor gestelde tot afkeuring overgaat, neem dan contact op met
 - 2.1 Sidra Wasserchemie GmbH
en zo nodig met:
 - 2.2 Kiwa N.V.
 3. Raadpleeg voor de juiste wijze van opslag en transport de verwerkingsrichtlijnen van de producent.
 4. Controleer of dit certificaat nog geldig is, raadpleeg hiertoe de Kiwa-gids.
-

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