

CERTIFICATE

Number: K 12787

Issued: 1998-09-15

Replaces:

Kiwa-ATA

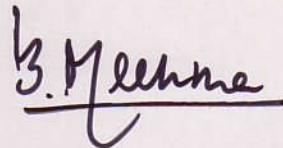
Corrosion inhibited antifreeze and heat transfer fluid

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

Tyforop Chemie GmbH

may, on delivery, be relied upon to comply with the Kiwa-ATA-criteria, as laid down in the KIWA-ATA-Certification agreement no. K 12787.

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

Producer

Tyforop Chemie GmbH
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Germany
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kiwa

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Corrosion inhibited antifreeze and heat transfer fluid

PRODUCTSPECIFICATION

The products mentioned below belong to this certificate;

Tyfocor L
Solarfluid
Tyfocor HTL

CRITERIA/REQUIREMENTS

1. No specific requirements are involved to this product.
2. In any case of changing the formulation of one of these products Kiwa has to be informed immediately. According to the Kiwa-Regulations for the ATA Product Certificate, Kiwa shall determine the consequences and inform the producer accordingly.

CHEMICAL COMPOSITION

The chemical composition has been specified in the annex of the Kiwa-ATA-Certification agreement K 12787.

TIPS FOR THE CUSTOMER

1. On delivery check whether:
 - 1.1 the delivery is as agreed;
 - 1.2 the mark and how it is affixed are correct;
 - 1.3 the products exhibit any visible defects due to transport etc.
2. If on the basis of the above you decide to reject the products, contact:
 - 2.1 Tyforop Chemie GmbH at Hamburg
and if necessary:
 - 2.2 Kiwa N.V.

APPLICATION AND USE

Intended for application as corrosion inhibited antifreeze and heat transfer fluid for utilization in solar heating equipment and cooling equipment used in food processing, water purification and drinking water applications.

MARKING

Form of the specified Kiwa-ATA-mark:

- Kiwa-ATA, in ink or seal.

Location of the mark:

- on the packing and on the covering consignment note.

Required additional marking besides Kiwa-ATA:

Tyfocor L, Tyfocor HTL or Solarfluid.

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.