



Doster Sp. z o.o.

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Product data sheet

Name of preparation: **HYDROCID 309**

Preparation for water treatment in cooling water cycles. Protects against growth of bacterial cultures

Application and properties:

HYDROCID 309 is used for industrial cycles of cooling water, cooling systems and air-conditioning.

It is used as one of water adjustment agents in these systems to prevent growth of bacterial cultures.

Dosage:

HYDROCID 309 may be dosed in sequential (large initial doses) or prevention doses. Prevention dosage: about 0.1-0.2 l/m³ of water capacity (100-200 ppm) once a week or every 2 weeks, depending on the level of infection. The product has to be used in places which ensure wide and even distribution to all points of a water system.

Large initial (sequential) dosage applied in case of severely contaminated systems: 250-500 ml/m³ of cycle water capacity (250-500 ppm). In case of severely contaminated cycles dosage needs to be repeated.

Dosage has to be chosen individually depending on the level of infection.

Technical data:

<i>external appearance</i>	:colourless to light yellow liquid
<i>density for 25°C (g/cm³)</i>	:~1.12
<i>solution pH (20°C)</i>	:10.5 (10% water solution)
<i>water solubility</i>	:in every concentration

Analyses:

Cycle infection level is measured with microbiological tests.

Impact on the natural environment:

Discharge of industrial water treated with Hydrocid 309 to a sewage system will result in dilution of the product to concentration which is harmless to microorganisms. Thus, cooling water to which Hydrocid 309 was added does not adversely affect a sewage system in relation with its treatment in wastewater treatment plants.

Method of use of HYDROCID 309:

Avoid contact with skin and eyes. Use protective gloves and goggles. Follow the product data sheet.

Storage:

Store only in closed original packaging. Secure against possible soil contamination. Do not store together with food and foodstuffs. Protect against frost.

Expiry date - one year from production date specified on top of packaging.

Packaging:

Plastic (PE) containers with the capacity of 25 litres.

Type of a preparation, a dosage method and a size of a dose should be every time consulted with a representative of DOSTER Sp. z o.o.

Additional information about the preparation may be obtained at +48 32 219 09 20, +48 32 218 81 78.

The preparation has a data sheet, Biocidal Product Marketing Authorisation No. 3268/07 of the Ministry of Health, and Certificate of the National Institute of Hygiene.



