



Doster Sp. z o.o.
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PRODUCT DATA SHEET

Name of preparation: **HYDROPLEX 104**

Water treatment in cooling cycles

Application and properties:

Hydroplex 104 is a water hardness stabilizer for cycle cooling water. It contains a mixture of appropriately chosen polymers. The polymers bind water hardness and maintain it in a dissolved state. It ensures protection against crystallization of ions responsible for formation of limescale. Hydroplex 104 also removes the existing limescale deposits. A dissolved deposit may be removed through filtration or a water discharge system. Furthermore, the preparation protects steel, iron and non-ferrous metals against corrosion.

Dosage:

Hydroplex 104 has to be dosed with a dosing pump or manually proportionally to the amount of make-up water. A dosing system should be made of chemically-resistant materials. The amount of the preparation depends on: temperature of cooling surface, concentration of calcium and magnesium, cooling water pH, temperature of cooling water. Dosage of the preparation: 20-100 ml/m³ of make-up water.

Analyses:

The content of Hydroplex 104 is determined with "MINITEST 104".

Technical data:

<i>external appearance</i>	:colourless liquid
<i>density for 25°C (g/cm³)</i>	:~1.07
<i>1% solution pH</i>	:2-4
<i>water solubility</i>	:soluble in every concentration

Impact on the natural environment:

Water from a cycle to which the preparation is added does not adversely affect wastewater in relation with its treatment in wastewater treatment plants.

Method of use of Hydroplex 104:

For protection it is recommended to use protective goggles and rubber protective gloves. If the product gets into eyes, rinse them with a large amount of water. Other information about safe handling of the product are contained in its data sheet.

Storage:

Expiry date: one year from date of production, in original packaging. Protect against frost and direct exposure to sun.

Packaging:

Plastic containers with the capacity of 25, 200, 1,000 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 and Certificate of the National Institute of Hygiene.

Doster Sp. z o.o.
District Court in Katowice
Commercial Division of the National Court Register
KRS No.: 00000 81198
The amount of share capital: 100,000.00 PLN
www.doster.pl