



Doster Sp. z o.o.

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## product data sheet

Name of preparation: **HYDOS C135**

**Preparation for water treatment**

### Application and properties:

HYDOS C135 is a corrosion inhibitor and hardness stabilizer in open cooling water cycles. Effect of the preparation consists of reducing/removing carbonate hardness. Due to application of appropriately selected active substances it excellently stabilizes hardness and protects systems against corrosion. The preparation has dispersing properties. A combination of active substances stimulates formation of anticorrosive protective layer for steel, iron, cast iron and non-ferrous metals, and creates a protective layer of zinc

### Dosage:

HYDOS C135 may be dosed with appropriate dosing pumps in a concentrated or diluted form. Containers and pipes made of plastic or stainless steel have to be used.

If a water cycle is small, the preparation may be dosed manually, but it is necessary to ensure that the preparation mixed well with cycle water. Dosing equipment and elements which have a direct contact with the product should be made of plastic. Due to pH reaction, the dosing and place of dosing should be chosen after consultation with a technical representative of Doster.

Dosages of the preparation depend on the structure of a process system, system load, the amount of make-up water for a cycle and water quality.

Dosage of the preparation: 150-600 ppm.

### Analyses:

The content of the preparation in water is determined on the basis of a test of phosphonate quantity.

### Technical data:

external appearance	:transparent liquid
density for 25°C (g/cm <sup>3</sup> )	:1.34
1% solution pH	:2.1
water solubility	:soluble in every concentration

### Impact on the natural environment:

In the prescribed dosage the preparation does not adversely affect the natural environment. Water containing the recommended dose of the preparation may be discharged to a sewage system.

### Method of use of HYDOS C135:

Hydos C135 is classified as hazardous. When handling the product it is required to use protective goggles and rubber protective gloves. Other information about safe handling of the product are contained in its data sheet.

### Storage:

Limited to 1 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.

