



Doster Sp. z o.o.

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product data sheet

Name of preparation: **HYDOS C100**

Preparation for water treatment in steam boiler system.

Application and properties:

HYDOS C100 protects non-ferrous metals against corrosion and increases effect of steel inhibitors in open and closed cooling cycles.
The protection consists of formation of a thin film on steel surface. This layer is smooth, non-oily, colourless, and chemically bound with steel surface. The protective layer is so thin that it does not affect heat exchange between steel and mediums.
HYDOS C100 may be also used with other corrosion inhibitors to magnify their effect.

Dosage:

HYDOS C100 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.
Dosages of the preparation depend on such factors as: thermal load of cooling surface, content of chlorines in water, degree of water thickening, content of solids in water.
Applied doses: 100-1,000 ml/1 m³ of water for open cycles; 20 l/1 m³ for closed cycles.

Technical data:

<i>external appearance</i>	: colourless liquid
<i>density for 20°C (g/cm³)</i>	:~1.00
<i>1% solution pH</i>	:~ 12-14
<i>water solubility</i>	:soluble in every concentration

Impact on the natural environment:

Water from a cycle to which the preparation is added may be discharged to a sewage system.

Method of use of HYDOS C100:

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.

