



Doster Sp. z o.o.

43-210 Kobiór ul. Leśników 5
tel +48 32 219 09 20
fax +48 32 218 81 78
www.doster.pl

product data sheet

Name of preparation: **HYDOS A01**

Preparation for water treatment in steam boiler system.

Application and properties:

HYDOS A01 is a preparation ensuring complete anticorrosive protection of boiler and steam system, and condensate.

Combination of these two functions contributes to:

- forming of a protective layer, the so-called protective film, on surfaces of metal system elements; the film is formed not only on boiler elements, but also inside systems through which steam and condensate flow. The created strong, thin and corrosion-resistant film does not reduce the heat transfer capability,
- removing dissolved oxygen in a boiler system and steam,
- alkalization of steam and condensate; alkalization leads to effective neutralization of carbon dioxide.

HYDOS A01 due to activity of (volatile) amines released with steam ensures increased anti-corrosive protection both of steam systems and condensate systems. Furthermore, as a product based on components migrating to steam, one of its advantages is that it introduces a minimal amount of salt to water.

Dosage:

A dosage of HYDOS A01 preparation is chosen on the basis of the amount and parameters of water supplied to steam boilers (return condensate + water after a softening station, make-up water). The preparation is dosed with a dosing pump in a concentrated or diluted form. It is necessary to ensure that the preparation mixed well with water supplied to a steam boiler. Dosages of the preparation depend on quality of water fed to a boiler. In order to protect condensate, the dose of the preparation depends on condensate pH. If the water-steam cycle works correctly, the dose should be adjusted in such way that condensate pH amounts to 7.5-8.5.

Precise dosage is determined on the basis of water analyses.

Technical data:

external appearance	: colourless liquid
density for 20°C (g/cm ³)	:~1.01
5% solution pH	:~ 12
water solubility	:in every concentration

Impact on the natural environment:

The preparation does not adversely affect the natural environment. Water containing the prescribed doses of the preparation may be discharged to a sewage system.

Method of use of HYDOS A01:

In the concentrated form HYDOS A01 is an irritant preparation. 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.



