



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: **HYDRO-MIN**

Preparation for water treatment in steam boiler systems.

Application and properties:

HYDRO-MIN hampers corrosion processes in steam boiler systems. An anticorrosive effect is many-sided: it has degassing properties (binding of oxygen, carbon dioxide), it stimulates forming of a magnetitic protective layer inside the surface of a boiler system.

HYDRO-MIN removes boiler limescale during operation, without the need of stoppages. Crumbled boiler limescale is changed into loose, mobile deposit which can be easily removed by desludging a steam boiler.

HYDRO-MIN also prevents formation of new limescale and water foaming in a boiler, contributing to production of clear and neutral technological steam. It protects a condensate system against corrosion.

Dosage:

A dosage of HYDRO-MIN 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	: amber liquid
density for 25°C (g/cm ³)	:~1.18
1% solution pH	:~ 13.8
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 HYDRO-MIN:

In the concentrated form HYDRO-MIN 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.

The preparation has a data sheet, Certificate of Health Quality and Certificate of the National Institute of Hygiene.

