

EAZY DESCALER PLUS

Product Code:	2011	Packaging:	25L & 200L
Product Group:	Descaling	Issue/Date:	1.80 - 11/10/2016

eazy Descaler Plus is a fast acting, effective and safe to use liquid descaling acid.

It is used for cleaning the surfaces of heat exchangers and other areas where build up of calcium and magnesium salts (hard water scale) occur and impair the efficiency of heat exchangers.

The product contains an inhibitor to limit acid attack of the base metal and as it does not contain hydrochloric acid it is safe for use with stainless steel. An additional benefit is that rust present in the system will be removed during the cleaning process.

Application and use

Product can be used for general descaling of heat exchangers, boilers, evaporators, coolers and condensers.

Directions for use

General Cleaning

We recommend 10% of product be used at a temperature of 50-60°C.

The amount of product, temperature, degree and type of the deposits will determine the time required for the descaling programme. In general, light to moderate hard water scale and oxides will be removed in 6 - 18 hours.

Boiler Cleaning

Prior to boiler cleaning we recommend that the system be "degreased" using either **eazy Aquaclean HD** or **eazy Boilout Plus** as oil or other organic matter present in the system will inhibit any attempt to descale the system.

We recommend 10% of product be made available at wash water temperature of 50-60°C. Up to half of product should be added and circulated continuously at temperature. Remaining product to be added gradually if pH is not suitably low enough or begins to rise quickly within the first few hours.

Take hourly pH readings to monitor and control dosage.

Towards the end of the anticipated clean do not dose further product and allow the pH to rise. This will avoid excessive neutralising.

The process can be repeated as many times as required for heavily scaled surfaces up to a maximum recommended exposure time of 24 hours.

After cleaning, the system must be completely emptied and then refilled with fresh/produced water to purge it of gas before opening the steam drum door. It is recommended that suitable dosage of **eazy Neutralise** be introduced into this water charge and circulated as instructed to ensure that metal surfaces and any remaining acid waste is neutralised.

IMPORTANT NOTE!!!

Prior to carrying out any cleaning programme, sacrificial anodes (if present) should be removed and the system sufficiently vented to atmosphere at all times. All ventilation arrangements must be unobstructed throughout the entire cleaning process. As it is extremely likely that potentially explosive gas will be produced, it is recommended that boiler ventilation terminals are tested for the presence of hydrogen at all times.

Contact Eazychem for further information and advice.

Health and Safety

Please refer to the Material Safety Data Sheet and Product Label for specific information.

Limitation of Liability

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