

FINEAMIN PW72

CORROSION INHIBITOR BASED ON NEUTRALIZING AMINE MIXTURES
FOR STEAM GENERATORS - **CYCLOHEXYLAMINE FREE**

ADVANTAGES

- Prevents corrosion by neutralizing carbonic acid in steam and condensate
- Developed without cyclohexylamine to minimize health and safety concerns
- Alkalization of the whole water-steam circuit
- Prevents corrosion in all areas of the steam condensate system.
- Reduces metallic oxide deposition in the boiler
- Can be also used in boilers operating at high pressures
- Convenient, concentrated liquid formulation, easy to dose
- Environmentally-friendly, bio-degradable solution

MODE OF ACTION

FINEAMIN PW72 is a boiler water treatment chemical based on concentrated neutralizing amine mixtures, completely free of cyclohexylamine. It is specifically designed for boiler systems where the usage of cyclohexylamine is seen as a concern due to health and safety regulations. The product helps to effectively adjust and maintain the pH in both the liquid and steam phases.

FINEAMIN PW72 has been formulated to provide complete corrosion protection for condensate systems. The blend of neutralising amine is meant to protect pipework in contact with the water as well as the vapours. It is fully compatible with other boiler treatment chemicals and, as a part of a two-drum solution, can be used alongside **FINEAMIN PW70** to deliver the full benefits and superior performance of film-forming based technology - completely free of cyclohexylamine.

Additionally, **FINEAMIN PW72** can replace ammonia in systems containing copper or copper alloys, where ammonia is a concern for copper metalurgy corrosion.

ENVIRONMENTAL COMPATIBILITY

FINEAMIN PW72 is ecologically and toxicologically harmless. Furthermore, it is almost entirely bio-degradable. For more details see EU safety data sheet.

APPLICATION AND DOSING

FINEAMIN PW72 generally gets injected in a single point of the plant, using an adequate dosing station. The required product quantity is calculated by the service engineer according to the water quality and the condition of the plant. The determination of the FINEAMIN excess can be done with a test kit or by using a photometric test.

DELIVERY

FINEAMIN PW72 is delivered as liquid solution in drums of 25kg, 60 kg or 210 kg. For major customers, the product is available in standard containers of 1000 kg. In closed drums, with an ambient temperature range from 5°C to 35°C, it can be stored for up to 3 years.

PROPERTIES AND INFORMATION

PHYSICAL

Form:	Liquid clear	Boiling point/range:	>35°C
Colour:	Colourless to yellowish	Density at 20°C:	1+/-0.1 g/cm³
Odour:	Characteristic	pH-value at 20°C:	11.5+/-1.5
Solubility in water:	Fully miscible	Vapour density:	nd
Melting point/range:	nd	Evaporation rate:	nd

ECOLOGICAL

Aquatic toxicity:	no relevant information available
Persistence and degradability:	70% biodegradable