

FINEAMIN PW71

CORROSION & SCALE INHIBITOR BASED ON POLYMERS &
NEUTRALIZING AMINE BLENDS FOR STEAM GENERATORS - **CYCLOHEXYLAMINE-FREE**

ADVANTAGES

- Prevents corrosion by neutralizing carbonic acid in steam and condensate
- Prevents calcium carbonate and other mineral salts deposits
- Disperses and removes existing corrosion products and deposits
- Convenient, concentrated liquid formulation, easy to dose
- Developed without cyclohexylamine to minimize health and safety concerns
- Alkalization of the whole water-steam circuit
- Provides environmentally-friendly, bio-degradable water treatment solutions

MODE OF ACTION

FINEAMIN PW71 is a concentrated boiler water treatment chemical based on dispersing polymers and neutralizing amine mixtures, but 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 the pH in both the liquid and steam phases.

FINEAMIN PW71 has been formulated to provide complete protection against corrosion and scale deposition for condensate systems. The content of neutralizing amines is meant to protect pipework in contact with the water as well as the vapours, while the polymers disperse and gently remove existing corrosion products. 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, without involving cyclohexylamine. Using salt-free FINEAMIN products leads to savings in water consumption and due to the improved heat transfer, to reduced energy consumption. The performance of the whole plant is increased and the overall system protection is improved, while the costs of operation decrease significantly.

ENVIRONMENTAL COMPATIBILITY

FINEAMIN PW71 is ecologically and toxicologically harmless. Furthermore, it is almost entirely bio-degradable. For more details see EU safety data sheet.

APPLICATION AND DOSING

FINEAMIN PW71 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 PW71 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/cm ³
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