

In most industries, selecting heat transfer and corrosion reduction is imperative to gain higher efficiency. One of the most important problem that any industry could faces is the formation of scale on the surfaces which lead to higher heat transfer resistance and causes corrosion in the systems

Using Mitreh-opposed to acid washing or mechanical scale removing- does not need to put out the device from the cycle and stop operations (which causes wasting energy, time and cost) . not only could deposit form in a part, but the entire water circulation path will be deposited. Mitreh can also be injected into the system to prevent the formation of new scales and corrosion

## Advantages of Industrial Mitreh

- Prevention of scale formation
- Prevention of corrosion
- Non-acidic and Non-corrosive
- Scale removing without stopping the system
- Capable of whole systems deposition
- Environmentally Friendly
- Using in Wide range of industries

### Mitreh used in Equipment and facilities

- Boilers
- Heat Exchangers
- Chillers & Absorption
- Condensers
- Cooling Towers
- Generators
- Resin hardeners
- Radiators & air conditioner
- Piping



# Industrial MITREH



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# Industrial Mitreh

Today, optimal usage of energy is essential because they are limited resources. So, experts should pay more attention to this issue and apply efficient methods to reduce energy consuming and making profit at the same time

Industrial Miter solutions have been invented, registered and mass-produced during & long-term research in Abrizan Industrial Research Company

These valuable products have been praised by consumers for saving energy, saving water, reducing depreciation and increasing productivity

## Disadvantages of scale formation in systems:

- Reduce heat transfer
- System pressure drop
- Increase corrosion
- Reduce the power consumption of pumps
- Increase system operation time

## Anti-Scale & AntiCorrosion Industrial Mitreh Solutions

No	Code	Product Name	Descriptions and applications
1	MSA1110	General Industrial Mitreh	,Scale Remover Anti-scale, Anti-corrosion
2	MSA1149	Industrial Mitreh for High Pressure Boilers	Anti-scale, Anti-corrosion for Boilers (High Pressure)
3	MSA1148	Industrial Mitreh for Low & Medium Pressure Boilers	Anti-scale, Anti-corrosion for Boilers (Low & Medium Pressure)
4	MSA1047	Industrial Mitreh for Hot & Warm Water Boilers	Anti-scale, Anti-corrosion for Boilers (Hot & Warm Water)
5	MSA1062	Industrial Mitreh for Condensers	Anti-scale, Anti-corrosion for condensers
6	MSA1069	Industrial Mitreh for Chillers & Absorptions	Anti-scale, Anti-corrosion for Chillers & Absorptions
7	MSA1065	Industrial Mitreh for Cooling Towers	Anti-scale, Anti-corrosion for Cooling Towers
8	MSA1070	Industrial Mitreh for Powerhouse	Anti-scale, Anti-corrosion for Powerhouse
9	MSA1183	Industrial Mitreh for Exchangers	Anti-scale, Anti-corrosion for Plates and Shell-Tube Exchangers
10	MSA1198	Industrial Mitreh for Wall-Mounted Package	Anti-scale, Anti-corrosion for Closed System Packages

11	MSA1256	Resin Supplement Mitreh	Corrosion Control for Resin Column Cationic and Anionic) and Removal of Residual Hardness
12	MKS1061	Industrial Mitreh for Ships (LT)	Anti-scale, Anti-corrosion for Ship Cryogenic System
13	MKS1144	Industrial Mitreh for Ships (HT)	Anti-scale, Anti-corrosion for Ship Thermal System
14	MKS1148	Industrial Mitreh, for Ships (for boilers)	Anti-scale, Anti-corrosion for Ship Boiler
15	FG1128	Food Grade Industrial Mitreh	,Non acidic & Edible Scale Remover Anti-scale, Anti-corrosion
16	FG1141	Food Grade Mitreh for High Pressure Boilers	Non acidic & Edible Anti-scale, Anti-corrosion for High Pressure Boilers (Super Heat)
17	FG1140	Food Grade Mitreh for Low Pressure Boilers	Non acidic & Edible Anti-scale, Anti-corrosion for Low & Medium Pressure Boilers (25-10 bar)