PINECO chemicals

PINECO®
Trattamento Acqua



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PINECO chemicals: whole heating plant treatment

PREVENTION

Prevention – new plant load, after cleasing plant load.

PRODUCT	Film	Antialgae
APPLICATION	Traditional plant	Underfloor plant
PINECO PRODUCT	**Ecolisi**	**Antialga plus**
ACTION	Corrosion and incrustation inhibitor and degassing for heating systems.	Antialgae and microbiocide + corrosion and incrustation inhibitor
DILUITION	1%	3%

PINECO chemicals: whole heating plant treatment

MAINTENANCE AND RECOVERY

Encrustations removal, maintenace and plant recovery. Mud seizing

PRODUCT	Encrustations remover		Mud seizing
APPLICATION	Traditional and underfloor plant	Old and new traditional and underfloor plant	Traditional plants
PINECO PRODUCT	Dispro	Limpia super	Ecofanghi
ACTION	Encrustations and ferrous deposit remover		Mud removal
USE	3% (60 giorni)	1,5-3% (~4 ore)	1% (2-3 settimane)

PINECO chemicals: whole heating plant treatment

Follow up

Plant	Action	Product
New	1. Clearing	Limpia
	2. Rinse	Water
	3. Load	Soft water
	4. Prevention	Ecolisi (Traditional plant) Antialga (Underfloor plant)
Used (standard maintenance)	1. Maintenance	Limpia
	2. Rinse	Water
	3. Load	Soft water
	4. Prevention	Ecolisi (traditional plant) Antialga (underfloor plant)
Hard encrustations (special maintenance)	1. Recovery	Ecofanghi (traditional plant) Dispro (underfloor plant)
	2. Rinse	Water
	3. Load	Soft water
	4. Prevention	Ecolisi (traditional plant) Antialga (underfloor plant)

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PINECO chemicals: specific parts treatment

Encrustation removal specific parts of the plant

PRODUCT	Hydrochloric acid		Phosphoric acid
APPLICATION	Heaters, boilers, heat exchagers, heating coils.		Heaters, boilers, heat exchagers, conditioning plant.
PINECO PRODUCT	Econormale	Ecospeciale	Ecoleghe
ACTION	Encrustation removal for steel and copper		Encrustation removal for zinc-coated pipes, aluminium and light alloy parts
USE	30%	30-50%	20-30%

Use PINECO NEUTRAFOS neutralizer after the application

PINECO chemicals: specific parts treatment

ANTI FREEZE

PRODUCT	**By-distilled glycerine**
APPLICATION	Solar plants
PINECO PRODUCT	**EcoSol**
ACTION	Antifreeze and corrosion inhibitor for solar plant (-23°)
USE	Use pure

Use PINECO NEUTRAFOS neutralizer after the application

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PINECO chemicals: data sheet

ECOLISI

DESCRIPTION

Corrosion and incrustation inhibitor for heating systems. Electrolys inhibitor and degassing product. By creating an inner film, Pineco Ecolisi protects iron, copper, and aluminum parts form incrustation and corrosion. Ecolisi is compatible with antifreeze products. Recommended for heating plants and conditioning plants, heating pumps, solar panel (new and used)



USE

Dilute 1 part of Ecolisi into 100 parts of water and inject directly into the plant by pump or expansion tank.

PINECO chemicals: data sheet

ANTIALGA

DESCRIPTION

Antialgae and microbiocide + corrosion and incrustation inhibitor for heating plants and cooling towers. Prevents the formation of algae and bacterial flora inside plants.

Its special formula contains quaternal ammonium salts that are usually used for bactericidal and anti legionella products. Recommended for under-floor and traditional heating plants, solar panels, cooling towers and refrigerator groups



USE

Dilute 3 parts of Antialga into 100 parts of water for clo plants. Inject directly into the plant by pump or expansio tank.

PINECO chemicals: data sheet

DISPRO

DESCRIPTION

Progressive encrustation remover for traditional heating plants and underfloor plants.
Pineco Dispro removes progressively limescale and ferrous desposits and reduces stray currents.
Its filming action protect the plant from corrosion.



USE

Dilute 3 parts of Dispro into 100 parts of water .
Leave for 60 days then empty the plant and reload the plant with soft water and Ecolisi or Antilalga.

LIMPIA SUPER

DESCRIPTION

Clearing product for heating plants. Clears from incrustations and ferrous deposits. Its special formula provides an excellent solution to prevent damages caused by incrustations and residual material inside plants.



USE

Dilute 1.5-3 parts of Limpia in 100 parts of water. Leave the product into the plant for 4 hours, then empty the plant and rinse with clean water. Proceed to fulfill the plant with soft water and Ecolisi or ANTIALGA to prevent mud formations.

ECOFANGHI



DESCRIPTION

Recovering and mud seizing product for heating plants. Pineco Ecofanghi cleans and remove incrustations from heating and cooling plants. Effective against scale, mud, ferric oxide deposited in pipes and radiator; Pineco Ecofanghi brings to these substances to the surface. The complete removal of residuals is achieved by empty the plant. Recommended for heating and conditioning plants, solar panels.

USE

Dilute 1 part of Ecofanghi into 100 parts of water. Leave the product into the plant for 2-3 weeks, then empty the plant and rinse with clean water. Proceed to fulfill the plant with soft water and Ecolisi or ANTIALGA to prevent mud formations.

ECONORMALE

DESCRIPTION

Strong action encrustations remover for heating systems and heat exchangers. EcoNormale removes scale incrustation from heating systems and heat exchangers (heating coils, boilers, steel and copper heat exchangers).Made with the excellent components and the finest inhibitors, ECONORMALE is a superlative product.



USE

Dilute 30 parts of Econormale into 100 parts of water and inject with the appropriate pump until bubbles stop. Once the product is exhausted the original color will change. After the use wash and rinse out with Pineco Neutrafos.

ECOSPECIALE

DESCRIPTION

Non-fumigating encrustations remover for heating systems and heat exchangers .
PINECO EcoSpeciale removes scale incrustations and tarnish from heat exchangers, heaters, boilers and heating coils.
Non fumigating PINECO EcoSpeciale contains corrosion inhibitors .



USE

Dilute 30-50 part of EcoSpeciale into 100 parts of water and inject with the appropriate pump until bubbles stop. Once the product is exhausted the original color will change. After the use wash and rinse out with Pineco Neutrafos.

ECOLEGHE

DESCRIPTION

Encrustations remover for zinc-coated pipe, aluminum and light alloy parts.
Ecoleghe removes encrustations on zinc-coated pipe, aluminum and light alloy parts. Its special formula allows to use Ecoleghe on zinc-coated materials.



USE

Dilute 20-30 part of Ecoleghe in 100 parts of water (cold or hot) and inject with the appropriate pump until bubbles stop. After the use wash and rinse the part.

PINECO chemicals: data sheet

ECOSOL

DESCRIPTION

Anti-freeze and corrosion inhibitor recommended for solar plants.
Its bi-distilled glycerine formula ensures better perfomances than any glycole anti-freeze. Non toxic.
Resistant up to -23 °C.



USE

Fulfill the plants with Ecosol. Use pure