

ECOPOINT

TECHNICAL DATA SHEET

By nature,
for life





Eco-Point Group

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TECHNICAL DATA SHEET

E.P. Scalex. Safe biodegradable descaler based on naturally occurring ingredients as lactic and citric acids.

Product description

E.P. Scalex is an ecologically safe concentrated colour coded descaler. E.P. Scalex is fully biodegradable since it is also based on naturally occurring ingredients. Seen its natural character, E.P. Scalex is a revolutionary product that can replace many chemical and environment damaging descalers based on aggressive acids. With this product, Eco-Point realizes a breakthrough in its special field.

Solution areas

- Heavy scale formation causes loss of efficiency in cooling and heating systems
 - Scale formation results in blockages
 - Blockages cause loss of efficiency
 - Blockages cause machine damage
 - Scale formation in the food industry causes bacteria growth
- Scale reduces heat transfer: increase of heating costs

Sustainable solution

E.P. Scalex is a very powerful concentrated colour coded descaler. E.P. Scalex will prevent the dissolved scale from settling on the faces of the pipes again due to special natural complexing agents that cause scale to remain in solution, so that the dissolved scale will be removed from the system by flushing.

Special advantages

- E.P. Scalex is fully biodegradable
- E.P. Scalex is safe to use
- E.P. Scalex holds complexing agents
- E.P. Scalex is colour coded
- E.P. Scalex is highly concentrated and therefore economic in use

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Areas of application

- Heat exchangers
- Steam boilers
- Cooling systems
- Generators
- Central heating
- Coffee machines
- Warm water apparatus

Remarks

When used, it must be taken into account that E.P. Scalex is acidic and should be used accordingly. Always rinse with water.



Seen its multipurpose characteristics, E.P. Scalex is suitable for the food processing industry. It can play an essential role for food processing companies that have to work according to HACCP standards. Contamination is a “critical point” and must be kept under close surveillance. E.P. Scalex contributes to a controlled working environment.

*Is an independent German research institute that issues certificates for adequacy of cleaning products for the food industry.

Product instructions

E.P. Scalex is a concentrated descaler, which needs to be diluted with water; depending on the amount of scale in the system. Typical dilutions are from 1:1 to 1:20. The colour code built into E.P. Scalex indicates red when a fresh solution is prepared, changing to orange/yellow during the descaling process.

- add E.P. Scalex into the system
- if possible, heat the system up to 50°C
- let the system circulate
- check the colour of the solution regularly
- when the solution turns orange/yellow; tap the system and flush
- the solution can be drained in the sewer
- repeat the method of use
- when the colour remains red there will be no scale left in the system
- the solution can be stored or drained; rinse the system with clean water

Packing material

Eco-Point International products are packed in polyethylene H.D. or metal drums. When repeat orders are being delivered, used drums which are empty and not polluted are collected free of charge for recycling or reconditioning purposes. When incinerated, polyethylene has no harmful effect on the environment.

Eco-Point sprayers are made of PE or PET: light weight, little raw material per bottle, low production energy consumption, virtually unbreakable and therefore long life, little waste during production and recycling, no harmful substances when incinerated, 100% recyclable.