

Descalon

Conditioning and cleaning agents

Application with **DESCALON** is easy to implement. After rinsing the system from loose particles fill the channels with a mixture of the agent and water in a ratio 1-1 to 1-10 depending on the nature and thickness of the coating. Cleaning takes place by means of circulating pumping or other agitation. Note that you do not need to disassemble the system. Due to its extremely low surface tension, **DESCALON** has the ability to penetrate and dissolve coatings even in very narrow capillaries and pipe systems. After cleaning, which in time can vary between 2 to 24 hours, you flush the system with water so that loose sludge is rinsed off.

- **Instructions for on-site CIP cleaning with Descalon.**
- Document the facility. (Temp. and flow, before and after cleaning, date.)
- Rinse the exchanger from loose particles.
- Add Descalon in a suitable mixture to the washing unit and add heat. A suitable temperature should be between 50 - 60 degrees. Pump the liquid around for 4 - 6 hours or longer if necessary. During this washing phase, the pH value should not exceed 2.5 - 3 (check with pH paper). Should the pH value rise above 3, new washing liquid must be added.
- If the exchanger is heavily soiled, you can change the flow direction by changing the hoses on the washing unit.
- After cleaning, rinse the exchanger with water. The rinsing water should exceed pH 5 after washing.
- After washing, check the pH value of the washing liquid. (Different local regulations for emissions may occur) The pH value should be above 5 before emissions. Lime can be used for neutralization.
- Document the facility.

DESCALON can be handled risk-free with normal work routines. Safety glasses and rubber gloves are sufficient. The components are biodegradable.

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