



# ECO-CIP

Hygiene processes and hygiene safety from a single source!

- ▲ Processes
- ▲ Engineering & Service
- ▲ Hygiene
- ▲ Products & Services

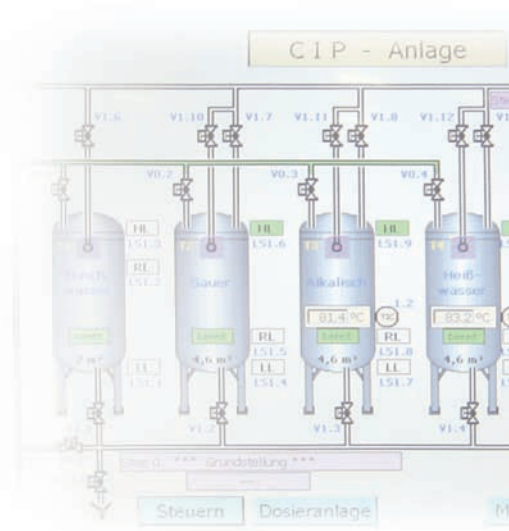
**ECOLAB®**  
Everywhere It Matters.

# Quality and Hygiene

The highest quality of all foods, pharmaceutical products and cosmetics is the most important prerequisite for satisfied consumers. The hygienical flawless production is a basic condition to reach a high product quality.

Ecolab offers complete Hygiene Concepts including more than the only supply of detergents and disinfectants. The concepts involve all sections of a complete Hygiene Programme, that means from the hygiene order over process development, system realisation up to staff training.

Ecolab Process Hygiene offers a total system for the automatical cleaning and disinfection of production plants for the beverage-, food-, and pharmaceutical industry.



## Your advantages:

### Company survey

- ▶ Production process
- ▶ Cleaning process

- ▶ High-effective detergents and disinfectants
- ▶ Effective hygiene processes
- ▶ With integrated Engineering
- ▶ CIP systems (adaption, optimization, extension, new system)
- ▶ Competent chemical and technical service

### Analysis

- ▶ Process analysis
- ▶ Cost estimation
- ▶ Result analysis

## ECO-CIP Process optimization

### Hygiene plan

- ▶ Ecolab-detergent and disinfectants
- ▶ Ecolab-cleaning and disinfectant processes (concentration, time, temperature)
- ▶ Process orders

### Engineering

- ▶ Ecolab-cleaning-systems CIP/WIP/SIP/FIP/COP
- ▶ Ecolab-hygiene center
- ▶ Ecolab-foam cleaning
- ▶ Ecolab-hygiene accessories

### Chemical handling

- ▶ Storage
- ▶ Metering
- ▶ Measuring
- ▶ Controlling



# P3-Systems for different demands

## The challenge:

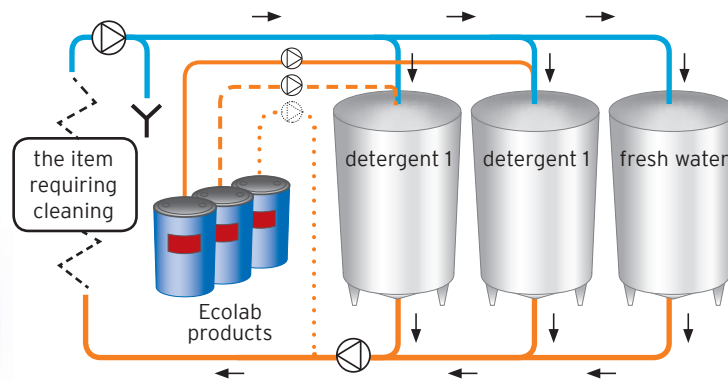
The results of the in-company survey and the targets agreed with the client form the basis for our ECO-CIP quotation.

All these factors are used for optimization of the hygiene process.

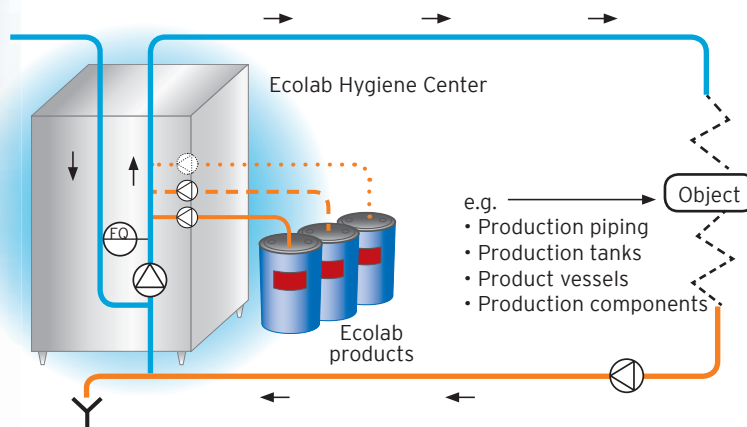


## Our solutions:

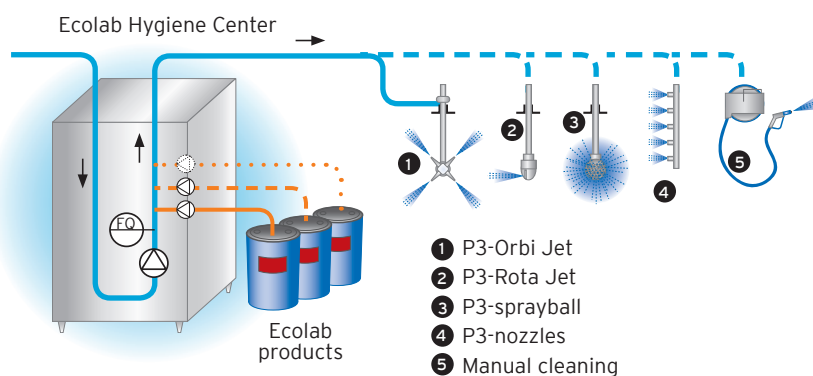
### „Multiple process“



### „Partial-lost process“



### „Lost process“



# Your benefits from Ecolab`s ECO-CIP Hygiene processes:

- ▲ Complete hygiene with a competent partner
- ▲ High-quality level
- ▲ Economical hygiene measurements/-processes
- ▲ Reliable technique
- ▲ Lower costs through process optimization
- ▲ Realisation of hygiene demands
- ▲ Validation of hygiene processes



## Also available in combination with other Ecolab services:

- ▲ CIP-diagnose
- ▲ CIP-validation
- ▲ Logistic & Service link

**ECO-CIP+** **ADVANTIS**<sup>®</sup> =

**Unlocking Production Potential**

Cleaning and disinfection procedures for CIP and foam, considerably improving system availability, coupled with reduced cleaning and disinfection times and cleaning temperatures.



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