

Cleaning and Sanitization Solutions

For Personal Care
and Cosmetic
Manufacturing
Facilities

A close-up photograph of a manufacturing process. A hand wearing a black nitrile glove is holding a clear plastic bottle filled with a yellow liquid. The bottle is being moved along a metal conveyor system with black rollers. Another similar bottle is visible in the background. The scene is brightly lit, suggesting a clean industrial environment.

ECOLAB®

GLOBAL EXPERTS IN
CONTAMINATION CONTROL

ECOLAB DRIVES Every site to be your best site

The right products.
Integrated equipment.
Insights to guide action.
Expertise to drive
success.



Ecolab Digital Solutions

Digital workflows, real-time monitoring, and advanced analytics insights to help you optimize cleaning protocols and use Ecolab products most effectively.

Ecolab Expertise

Steering the entire Total Program engine toward maximum value - matching chemistry and equipment to your needs and acting on digital insights to optimize efficiency.

Ecolab Chemistry

Comprehensive portfolio of targeted solutions to tackle your toughest soils and increase cleaning efficiency.

Ecolab Equipment

Get the most out of Ecolab products with innovative equipment built to drive consistency, efficiency and safety.



EFFICIENCY

Reduce cleaning time to
accelerate productivity



PRODUCT QUALITY

Ensure reliable, consistent
cleaning



SUSTAINABILITY

Reduce water & energy
usage and minimize waste



COMPLIANCE

Automate documentation
& reporting for
audit-readiness

Advanced products & leading expertise

Our global core product range comprises products to ensure all day-to-day cleaning, sanitization and disinfection tasks are performed to the highest standards. Our cleaning solutions are designed to tackle soil challenges of all difficulty levels.



**PRODUCT QUALITY
& SAFETY**



**COMPLIANCE &
AUDIT READINESS**



**OPERATIONAL
EXCELLENCE**

Circulation cleaning

Risil™ Mat

Alkaline detergent used for removing stubborn residues. Includes surfactants, water conditioners, chelating agents, soil suspension and dispersion agents for use in CIP systems and manual cleaning applications.



Maxi Plus

Alkaline detergent designed to remove waterproof and complex waxy soils. Works in CIP systems as a one-part cleaning program without the need for additives and is suitable for soaking applications.



MCL B

Alkaline detergent designed to remove pigmented soils and mineral containing premixes. Works in CIP systems and circuits as a one-part cleaning program without the need for additives. May also be used as a solvent replacement.



SP 3

Alkaline detergent with high sequestering power for circuits and processing equipment. Works in CIP systems as a one-part cleaning program and in semi-automatic applications.



Sanitizing & disinfecting*

Oxonia Active (OMRI Certified)

EPA-registered peroxyacetic acid, antimicrobial agent with broad antimicrobial activity for use in a number of sanitizing applications.



Additives, boosters & finishers

COSA™ PUR 80

Slightly Alkaline cleaning booster based on surfactants formulated for the removal of high fat-containing and water-free formulations. It can be used as a CIP additive to enhance the cleaning effect of alkaline and acid cleaners for stubborn soils.



COSA™ PUR 85

Liquid oxidizing additive for alkaline cleaners to enhance the removal of stubborn soils. Contains special surfactants for excellent soil-suspending power and oxidizing properties without chlorine.



Antifoam LS

Concentrated silicone emulsion defoamer formulated for industrial applications. Antifoam LS allows a higher level of hydrophobic silica, leading to sustained and persistent defoaming characteristics. Its mineral oil and surfactant content in the formula improves dispersing.



Antifoam NXT

Next generation concentrated silicone emulsion defoamer designed for industrial use. It features high levels of hydrophobic silicones for sustained defoaming and improved dispersing. Added boosters enhance performance and efficiency.



Manual & foam cleaning

Maxi Plonge

Mild alkaline detergent for manual cleaning and foaming applications. Designed for cleaning of removable machine parts, small items (buckets, spatulas, etc.) and manufacturing accessories.



Maxi

Alkaline detergent with high surfactant content designed for soaking and foaming applications.



The Ecolab Life Sciences Program

Helping you exceed your compliance goals

Ecolab provides you with a product range designed to comply with the global documentation, manufacturing and compliance standards of the Personal Care industry.

Method feasibility for Personal Care products

- ▶ Test method guidance for the detection of detergent residues via TOC
- ▶ Test method guidance for the detection of detergent residues via conductivity
- ▶ Laboratory scale cleaning trials and field implementation
- ▶ Material compatibility test
- ▶ Grouping support through cleaning studies

Documentation package

- ▶ Technical data sheet
- ▶ Safety data sheet
- ▶ Toxicological data sheet
- ▶ Certificate of analysis

*To be labeled as a sanitizer or disinfectant, a product must be registered with the appropriate regulatory agencies such as the Environmental Protection Agency (EPA), Biocidal Products Regulation (BPR) and/or the Canadian regulatory authorities. Label claims have been reviewed by these regulatory authorities and must be followed exactly as directed.

Understanding the complexities of Personal Care & Cosmetics products

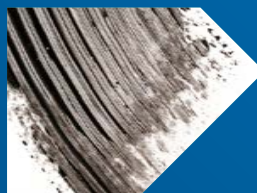


Products manufactured in the Personal Care industry produce some of the most difficult to remove soils. As a result, these compounds need specialized solutions to support removal and effective cleaning. Ecolab's proven products for small to large-scale operations meet your specific cleaning needs, achieving your operational standards and goals.



High pigment loads

Remove soils from inorganic materials like iron oxide that leave behind a thin film of powder on equipment surfaces that is not easily removed chemically.



Silicones

Clean difficult silicones that remain from waterproof products that are formulated to be extremely hydrophobic.



High mineral loads

Chemically remove content and residues such as titanium dioxide and zinc oxide that can be difficult to remove due to their inert nature.



Waxy soils

Effectively remove waxy soils left behind that inhibit the effect of aqueous cleaning due to their hydrophobic nature.

How Ecolab can support your Personal Care & Cosmetic Manufacturing



Discover Ecolab's Change Management Program

Switching to a new regime can come with operational challenges. Discover how Ecolab's expert team of Global Technical Consultants can ease the implementation of a regime change for Personal Care and Cosmetic manufacturers regime with a customized end-to-end Change Management plan to suit your specific needs.

Support is available for all steps in the process that are relevant for you, from initial risk assessment, all the way through to training and implementation. Leverage Ecolab's expertise to ease the acceptance, approval and implementation of change, enabling you to focus on the core of your Personal Care or Cosmetic manufacturer's business.



For further information about our residue management services, speak to your **Ecolab Account Manager** or visit [ecolab.com/lifesciences](https://www.ecolab.com/lifesciences)

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