



Everywhere It Matters.™

WORLD CLASS EXPERTISE

The food and beverage processing industry is dynamic and challenging – you shouldn't have to manage it alone. **As your trusted partner, Ecolab is there for you** with best-in-class, innovative solutions and hands-on support.

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[SOLUTIONS](#)

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WHAT KEEPS YOU UP AT NIGHT?

When it comes to food and beverage processing, challenges come with the territory.

From rising energy costs and water shortages to foodborne outbreaks, changing consumer needs and an ever-changing regulatory environment, this industry requires specialized knowledge and innovative approaches to problems.

We understand this complexity. With Ecolab as your partner, we can help optimize every aspect of your operation and deliver measurable improvements in operational efficiency, plant sustainability and product safety and quality to help you grow.



SAFETY



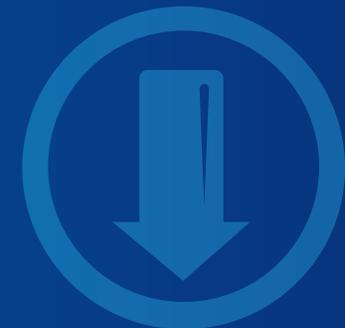
ENERGY



WATER



FOOD SAFETY



COSTS



WASTE



PRODUCT QUALITY



PRODUCTIVITY



PEACE OF MIND

WORLD-CLASS SERVICE

Experience the Ecolab difference. Your personal Ecolab representative provides a unique combination of in-person service, total impact solutions and unsurpassed industry expertise.

UNIQUE EXPERTISE

Your team of Ecolab research and technical experts are always available for collaboration and consultation. Our team has extensive experience developing solutions, and includes experts in food safety, public health, pest elimination, regulatory issues, equipment evaluation and more.

RESEARCH & TECHNOLOGY

With over 1,600 research and development associates, Ecolab leads the industry in creating innovative solutions. Our RD&E associates have expertise in a variety of technologies, including cleaning and sanitation applications, antimicrobials, microbiology, food science, engineering, water management and more.

PROACTIVELY SOLVING INDUSTRY CHALLENGES THROUGH INNOVATION

CORE & EMERGING TECHNOLOGIES

LEVERAGING
TECHNOLOGIES
ACROSS
INDUSTRIES

- **Microbial Control & Diagnostics:** Innovative technologies for hard surface sanitizing and detection, meat and poultry treatments, fruit and vegetable processing and aseptic packaging
- **Water & Energy Management:** Optimizing the use of water and energy across processing operations
- **Automated Dispensing, Control & Monitoring:** Proprietary technologies for the most advanced chemical control, documentation, monitoring and advanced analytics
- **Personal & Environmental Hygiene:** Leading cleaning and sanitizing innovations since 1923
- **Wastewater Polymers:** Technology breakthroughs that reduce Volatile Organic Compounds (VOCs) and remove contaminants from wastewater
- **Solid Chemistry:** Technology that reduces customer costs, environmental impact and worker safety



PROACTIVELY SOLVING INDUSTRY CHALLENGES THROUGH **INNOVATION**

ADVANCING FOOD SAFETY & PRODUCT QUALITY

We are committed to doing our part to eliminate foodborne illness and ensure a safe food supply. Ecolab employs leading industry scientists who study food safety challenges and develop solutions to help protect people, businesses and communities from the risks of contamination.

**Our focus is global, across
the entire food supply chain:**

**AGRICULTURAL
PRODUCTION**

**FOOD & BEVERAGE
PROCESSING**

**FOODSERVICE
& FOOD RETAIL**

WORLD CLASS SERVICE SUPPORTED BY **WORLD CLASS EXPERTISE**



SEE THE **TEAM**
BEHIND THE
TECHNOLOGY

THE TEAM BEHIND THE TECHNOLOGY

19

TECHNOLOGY
& RESEARCH
CAMPUSES

OVER
200

UNIVERSITY &
INDUSTRY
ORGANIZATION
PARTNERSHIPS

1,600

RD&E
ASSOCIATES

6,300

GLOBAL
PATENTS



SEE OUR **RD&E**
TEAM IN ACTION

SERVICES:

Microbiology & Analytic Lab Services

- Combining laboratory analysis and customer knowledge to provide solutions to cleaning, sanitizing and food safety challenges
- Typical samples include water analysis, soil identification and failure mode analysis

Technical Support Specialists

- This elite team of experienced and highly-trained experts will help you troubleshoot problems on-site, provide operational efficiency assessments and more

Engineering

- Providing a customized consultative look at your application performance systems
- Specializing in CIP performance analysis and custom-designed equipment to help achieve your outcomes

Regulatory Compliance

- Ongoing monitoring and leadership of governmental and food safety requirements
- Educating and advocating by working with country and local regulatory agencies
- Managing Ecolab regulatory compliance

Technology Partnerships & Development

- Collaborate with technology partners to provide new solutions
- Partner with leading universities to support cutting-edge industry research
- Participate in and provide leadership in a variety of trade associations

Comprehensive Training Courses

- Comprehensive training courses targeted to your operation
- Our global team is committed to provide exceptional personal service and solutions at all your locations

COMPREHENSIVE TRAINING



CLICK HERE FOR A FULL LIST
OF **SPECIALIZED COURSES**

ESSENTIAL FOOD SAFETY TRAINING

We offer training courses to help you and your employees stay current and strengthen your food safety programs. Our breadth of resources and integrated business model help ensure consistency across your operation. As your partner in food safety and quality, we are committed to helping you protect your customers, your reputation and your bottom line.

Training programs include:

- **Sanitation Food Safety Workshop:**
Sanitation basics plus insights into quality and food safety challenges
- **BRC Food:**
BRC Food Standard and the food manufacturing business
- **Implementing SQF Systems:**
SQF basics, management, audit and certification process
- **Advanced SQF Practitioner:**
Tools to improve internal auditing and corrective action processes
- **Advanced HACCP:**
HACCP requirements, plan implementation and hazard identification and control
- **Internal Auditing:**
Techniques for conducting an internal audit on SQF, BRC and FSSC 22000
- **FSSC 22000:**
Implementing the ISO 22000 and PAS 220 standards

ON-SITE PROGRAMS & SUPPORT

Our training programs are suited for plant managers and supervisors, quality assurance teams, food safety personnel, food plant maintenance personnel and new food plant employees.

We also offer on-site training and custom programs – talk to your Ecolab representative for more information.

GLOBAL CUSTOMER SERVICE

Ecolab World Class Service is supported by our on-call customer service team:

- **Available 24/7**
- **61 countries**
- **Over 11 million calls per year**

1-800-392-3392