

# Cleaning and disinfection of **CIP circuits**



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## Itram Higiene focuses its activity on hygiene and safety for the food industry

### CIP CIRCUITS

The cleaning and disinfection of circuits is done using CIP (cleaning in place) systems. The CIP Circuit Cleaning requires specialized products for cleaning and disinfecting that can circulate with high turbulence and without foam formation, ensuring the correct disposal of any dirt and other providing maximum cleaning and disinfection.

The CIP CIRCUITS range includes products for the hygiene of circuits, reservoirs, tanks, pasteurizers and other closed systems. According to their use they are classified as ALKALINE PHASE, ACID PHASE, DISINFECTANT PHASE, SINGLE PHASE and ENZYMATIC CLEANING.

### INFORMATIVE PICTOGRAMS ON ALL PRODUCT LABELS

Type of product	Type of application	How to use
Disinfectants	Detergents for CIP Circuits	Concentration
Acids	Disinfectants	Temperature
Alkaline	Foaming	
Chlorinated	Enzyme	
Specific	Detergents for washing tunnels	

Itram Higiene has a wide range of chemical specialties, detergents and disinfectants, application and dosage systems. It also offers technical advisory services and specialized consultancy in the field of food hygiene.

We form a multidisciplinary team that together provides a solid base guaranteeing a high level of professionalism. Most of the people and distributors that integrate ITRAM HIGIENE are professionals who have a proven experience and knowledge in the field of food hygiene.



## Fast, comfortable and secure system for product identification.

### COLOR CODE

We have created a color code in the packaging and a specific symbology to avoid confusion and increase safety in chemical manipulation.



### Detergents for CIP circuits

**ACIMIX CIP**  
Descaling detergent strongly acid with controlled foam. Based on nitric acid and surfactants.

**ACIMIX COMPLEX**  
Acid descaling detergent based on metasulfonic acid.

**ACIMIX PLUS**  
Non-foaming descaling agent based on phosphoric acid and surfactants.

**BRIO COMPLEX**  
Highly additive alkaline detergent for single phase cleaning for soft water.

**BRIO COMPLEX PLUS**  
Highly additive alkaline detergent for single phase cleaning.

**BRIO BASIC**  
Caustic controlled foam detergent.

**BRIO SPRAY**  
Alkali-controlled foam detergent. Low freezing point.

**BRIO ULTRA**  
Alkaline detergent for cleaning aluminum utensils and other soft metals.

**BRIO CLOR**  
Chlorinated alkaline disinfectant detergent with controlled foam.

**ADITRAM**  
Caustic Soda Additive.

### Disinfectants

**BACTITRAM OXY 5**  
Peracetic acid based disinfectant 5%.

**BACTITRAM OXY 15**  
Peracetic acid based disinfectant 15%.

**BACTOTRAM 500**  
Disinfectant in alkylamines base of controlled foam.

**HIPOCLORITO 15%**  
Disinfectant on hypochlorite base 15%.

**AQUACLOR (HIPOCLORITO 5%)**  
Disinfectant for the disinfection of fruit and vegetables.

**OXYCIP**  
Disinfectant in peracetic base controllable by conductivity.

### ENZYME Biofilm Elimination

**ENZCIP**  
Enzymatic product for the elimination of biofilms in CIP circuits.

**TENSIO CIP**  
Detergent for mixing with BIOCIP for treatments in the elimination of biofilms in CIP circuits.

**BIOCIP**  
Enzymatic concentrate for mixing with TENSIO CIP or ENZYCIP for the elimination of biofilms in CIP circuits.

**ENZYBAC CIP**  
Enzymatic sanitizing detergent with natural extracts for the preventive treatment of elimination of biofilms in CIP systems.

### Antifoam

**BROFIN**  
Antifoam additive.

**ANTIFOAM SIL**  
Anti-foaming emulsion based on surfactants and silicones.

Product	Icon 1	Icon 2	Icon 3
ACIMIX CIP	24 kg		1.250 kg
ACIMIX COMPLEX	25 kg		
ACIMIX PLUS	25 kg		1.200 kg
BRIO COMPLEX	25 kg	250 kg	1.400 kg
BRIO COMPLEX PLUS	25 kg	250 kg	1.200 kg
BRIO BASIC	25 kg		1.400 kg
BRIO SPRAY	24 kg		1.300 kg
BRIO ULTRA	20 kg		1.100 kg
BRIO CLOR	24 kg	200 kg	1.200 kg
ADITRAM	25 kg		1.000 kg

BACTITRAM OXY 5	20 kg	200 kg	1.100 kg
BACTITRAM OXY 15	20 kg	200 kg	1.100 kg
BACTOTRAM 500	20 kg	200 kg	1.000 kg
HIPOCLORITO 15%	25 kg		
AQUACLOR (HIPOCLORITO 5%)	25 kg		1.000 kg
OXYCIP	25 kg		1.130 kg

ENZCIP	24 kg		
TENSIO CIP	5 kg / 20 kg		
BIOCIP	4x1 L		
ENZYBAC CIP	24 kg		

BROFIN	25 kg		
ANTIFOAM SIL	25 kg		