



**Hygiene  
solutions for the  
wine industry**



**PROQUIMIA**  
[www.proquimia.com](http://www.proquimia.com)



## What does PROQUIMIA offer?

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- ▶ Our entire product range is offered globally.
  - ▶ Products approved by the Spanish Ministry of Health and Consumption.
  - ▶ Wide range of equipment for process application and control.
  - ▶ Engineering Department and Technical Assistance Service.
  - ▶ Technical, legal and environmental advisory services.
  - ▶ Approved microbiological testing laboratory.
  - ▶ National coverage.
  - ▶ Flexibility and adaptability.
  - ▶ ISO 9001 Quality Certification.
  - ▶ ISO 14001 Environmental Certification.
  - ▶ ISO 45001 Occupational Health and Safety Management System Certification.
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Sistema de  
Gestión  
ISO 9001:2015  
ISO 14001:2015  
ISO 45001:2018

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ISO 9001:2015  
ISO 14001:2015  
ISO 45001:2018



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**Wine and must are very sensitive products – from an organoleptic and microbiological perspective – to alterations resulting from inadequate hygiene as regards the premises, facilities and machinery routinely used in the wineries.**

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Cleaning and disinfection operations are therefore a key aspect in wineries for reasons of food safety and product quality, eliminating the risk of alterations, proliferation of undesirable micro-organisms and chemical contamination.

The protocol for carrying out hygiene operations depends on the type of products and processes present in the winery. In order to satisfy hygienic requirements, the premises, facilities and equipment of the winery must be subjected to intensive cleaning and disinfection operations through the application of a specific methodology and programme.

PROQUIMIA, a company that focuses its activity on the manufacture of chemical specialities for various applications in the field of hygiene and industrial chemical treatments, presents a wide range of solutions to achieve maximum sanitisation in the processes of the wine industry: efficient cleaning and disinfection systems that improve the performance of the production process, ensuring the quality of the wine and avoiding organoleptic alterations and deviations.

# CIRCUITS AND TANKS (CIP)

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## ▶ DETERGENT

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### **PROGLAS 75**

An alkaline detergent powder for recirculation-based cleaning and potassium bitartrate removal in tanks, circuits and CIP processes in warehouses.

### **FORTEX SC**

Liquid alkaline detergent for cleaning and potassium bitartrate removal via recirculation of tanks, circuits and CIP processes in cellars.

## ▶ DESCALING

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### **DESOCAL SC**

Acid descaler with controlled foam based on nitric and phosphoric acid, for recirculation-based cleaning of tanks, circuits and CIP processes in warehouses.

## ▶ DISINFECTION

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### **ASEP 150**

Disinfectant based on peracetic acid and hydrogen peroxide, for recirculation-based disinfection of tanks, circuits and CIP processes in warehouses. Broad spectrum of action against bacteria, yeasts, moulds and spores.

**Pesticide Registration 08-20-02818 HA.**

## ▶ DETERGENTS AND DISINFECTANTS

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### **ECOPLUS D**

A low-foaming alkaline disinfectant detergent for recirculation-based cleaning and disinfection of tanks, circuits and CIP processes in cellars. Effective in removing tannins. High effectiveness against lactic acid bacteria, acetic acid bacteria and yeasts.

**Pesticide Registration 08-20-02885 HA.**

## ▶ ADDITIVES

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### **GENOXOL**

Oxidising adjuvant additive for alkaline solutions with a bleaching effect based on hydrogen peroxide, especially suitable for the removal of dye residues in cellars.

# WOODEN BARRELS

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## ▶ DETERGENT

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### **PQ 86**

An alkaline detergent powder for removal of tartrates from wooden barrels and stainless steel tanks. Minimises the formation of red spots due to tartrates.

### **RELION**

High-alkalinity powder detergent with bleaching, sanitising and oxidising properties for recirculation-based cleaning of wooden barrels used in cellars. Allows removal of inorganic residues (potassium bitartrate).



# CONVEYOR BELTS

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## ▶ TRACK TREATMENT

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### **TRANSLUBE SE**

Synthetic lubricant based on fatty amines with sanitising properties, for track treatment of conveyor belts. Suitable for all types of water. Low COD.

### **TRANSLUBE PB**

Lubricant based on natural soaps for conveyor belt track treatment. Especially suitable for soft water. Aids the quality of discharges due to its low equitox.

# CLEANING AND DISINFECTION OF EXTERNAL SURFACES AND FLOORS (OPC)

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## ▶ DETERGENT

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### VIXFORTE

A strongly alkaline detergent for manual and foam cleaning of stubborn and stubborn dirt. Suitable for removal of inorganic residues (potassium bitartrate).

### SUPERVIX A

An alkaline foaming detergent with strong degreasing properties, for general use in cellars. Maintains detergent power in cold conditions. It removes mineral residues, debris, etc.

### NEUTROVIX

High-performance neutral foaming detergent for cleaning surfaces in warehouses. Does not attack soft metal surfaces.

## ▶ DESCALING

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### DESOCAL FOAM

Foaming acid detergent, descaler and rust remover for foam-based cleaning and shining of surfaces in cellars.

## ▶ DISINFECTION

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### ASEP 870

General purpose disinfectant, based on quaternary ammoniums for surface disinfection in cellars. It retains its biocidal capacities even in the presence of organic matter. Effective against Gram+, Gram- bacteria, moulds and yeasts.

**Pesticide Registration 08-20-02900 HA.**

## ▶ DETERGENTS AND DISINFECTANTS

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### VIXCLOR-SE

Alkaline-chlorinated foaming disinfectant detergent with strong bactericidal and fungicidal action. Highly effective at deodorising and removing colour residues, with strong tannin-eliminating properties.

**Pesticide Registration 07-20/40-04873 HA.**

## ▶ ADDITIVES

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### GENOXOL

Cleaning additive based on hydrogen peroxide, with a bleaching effect, for cleaning surfaces in warehouses.

# BOTTLE WASHING

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### FORTEX AM

A strongly alkaline detergent with powerful detergent properties, suitable for bottle washing in wine cellars. Formulated with surfactants, sequestering agents and defoamers to reduce the cost of cleaning.

### ADILIQUID

Additive for soda based on surfactants and sequestering agents, suitable for bottle washing in cellars.

### PROGLAS 75

Alkaline detergent powder for bottle washing. It makes it easier to keep the bottles clean, shiny and free of streaks.



# PERSONAL HYGIENE

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### VITALIM

Fragrance-free dermo-protective gel for hand cleansing and hand protection. Formulated to meet the hygiene needs of food handlers.

### VITA PLUS

Solvent-free gel for cleaning heavily soiled hands, specially formulated to remove stubborn dirt. Quickly removes grease, tannins, dirt, ink, mud and carbon without irritating the skin, leaving it conditioned and soft.

## ► SUMMARY TABLE

APPLICATION	MATERIAL	T.S.	CHLR. DET.	NON-CHLR. DET.	DESINFECTANT
Harvesting equipment	STAINLESS STEEL	● ●			SUPERVIX-A DESOCAL FOAM
	IRON	● ●			
Harvesting machine	IRON	● ●			SUPERVIX-A DESOCAL FOAM
Receiving hopper and destemmer	STAINLESS STEEL	● ● ●			SUPERVIX-A DESOCAL FOAM
Presses	STAINLESS STEEL				SUPERVIX-A DESOCAL FOAM
	NYLON MEMBRANE	●			
	SYNTHETIC COATED				
Tanks	STAINLESS STEEL				ECOPLUS D  FORTEX SC PROGLAS 75 DESOCAL SC
	STEEL COATED WITH EPOXY RESINS				
	STAMPED CEMENT	● ● ●			
	VITRIFIED CEMENT				
	RESIN-COATED CONCRETE				
	PLASTIC MATERIALS				
Barrels and tanks	WOOD	● ●			RELION PQ 86
Barrels	WOOD	● ●			RELION PQ 86
Piping, circuits and pumps	STAINLESS STEEL	● ● ●	ECOPLUS D		FORTEX SC PROGLAS 75 DESOCAL SC
Sedimentation filters or rotary drum filters	STAINLESS STEEL	● ● ●	ECOPLUS D		FORTEX SC PROGLAS 75 DESOCAL SC
Packaging machine	GALVANISED / STAINLESS STEEL	● ●			FORTEX SC DESOCAL SC
Bottle washing	GLASS	● ●			FORTEX AM ADILQUID PROGLAS 75
Conveyor belt track treatment	ACETAL / STAINLESS	●			TRANSLUBE SE TRANSLUBE PB
Heat treatment facilities	STAINLESS STEEL	● ●			FORTEX SC DESOCAL SC
External surfaces	VARIOUS	● ● ●	VIXCLOR-SE		VIXFORTE / SUPERVIX-A NEUTROVIX DESOCAL FOAM

T.S. (Type of soiling)

● ORGANIC

● INORGANIC

● TARTRATES

● MICROBIOLOGICAL

● LABELS



## EQUIPMENT

### ► SPITFOAM / VOYAGER

Independent mobile unit for low pressure cleaning, foam or gel spraying and disinfection of all types of open surfaces. Performs rinsing, foaming and disinfection functions.



### ► PROMATIC 90

Metering equipment with diaphragm pump designed for chemical dosing in CIP cleaning processes. The equipment can work in cyclic mode, with timed dosing or according to conductivity.



### ► AUTOMATIC CLEANING SYSTEMS (C.I.P. SYSTEMS)

Recirculation-based tank cleaning and detarring systems, adaptable to the needs of each customer and process. Its operation is based on the installation of a cleaning head inside the tank.



